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ABSTRACT

Section 131(b) of Part C of the Vocational Education Amendments of 1968 provides Federal funding for State-administered research and development activities in vocational education. The funds are allocated to the States on the basis of a population formula prescribed in the law. The total funding amounted to almost 18 million dollars in fiscal year 1971 and to nine million dollars in fiscal year 1972. The States used a portion of this funding in meeting maintenance and operational costs of the State Research Coordinating Units. However, the major portion was used to support grants and contracts with local school districts, universities, and other agencies within each State for the conduct of vocational research and development projects. This publication provides a listing of the projects supported in each State from these funds during the 1971 and 1972 fiscal years. The list was compiled on the basis of information supplied to the Office of Education by each State. (Author/MF)

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STATE-ADMINISTERED RESEARCH AND DEVELOPMENT PROJECTS

IN

VOCATIONAL EDUCATION

Supported Under
Section 131(b) of Part C
of
The Vocational Education Amendments of 1968
(Public Law 90-576)

FISCAL YEAR 1971
FISCAL YEAR 1972

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Caspar W. Weinberger, Secretary
S.P. Marland, Jr., Assistant Secretary for Education

Office of Education
John Ottina, U.S. Commissioner of Education-designate

Bureau of Occupational and Adult Education
William F. Pierce, Deputy Commissioner

Center for Adult, Vocational, Technical, and Manpower Education
Robert M. Worthington, Associate Commissioner

Division of Vocational and Technical Education
Michael Russo, Acting Director

JUNE 1973

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INTRODUCTION

Section 131(b) of Part C of the Vocational Education Amendments of 1968 provides Federal funding for State-administered research and development activities in vocational education. These Federal funds can be used for paying up to 75 percent of the costs of the State Research Coordinating Unit (RCU) and for grants and contracts covering 90 percent of the costs of research and/or developmental projects. The funds are allocated to the States on the basis of a population formula prescribed in Public Law 90-576. In Fiscal Year 1972, for example, the State of Alaska received $12,039, while the State of California received $705,568.

The total funding appropriated for State use under Section 131(b) of Part C amounted to $17,872,215 in Fiscal Year 1971 and $9 million in Fiscal Year 1972. The States used a portion of this funding to assist in meeting the maintenance and operational costs of the State Research Coordinating Units. However, the major part of the funding was used to support grants and contracts with local school districts, universities, and other agencies within each State for the conduct of vocational research and development projects.

The purpose of this publication is to provide a listing of the projects supported in each State through grants and contracts funded by the States under Section 131(b) of Part C of the Vocational Education Amendments of 1968. The listing, which is arranged alphabetically by States, shows the title of each project, the name of the grantee or contractor conducting the project, and the amount of Section 131(b) funding obligated for the project. For any given State, the total amount of funds obligated in a particular Fiscal Year may or may not be equal to the State's allotment for that Fiscal Year. There are two reasons for this difference between funds allotted and funds obligated for grants and contracts. The first reason is that a State may, at its discretion, reserve some portion of the State allotment for support of the State Research Coordinating Unit, using the remaining amount for the award of grants and contracts. The second reason is that, under the provisions of the Tydings Amendment, a State could carry unused FY 1971 funds over and obligate them in FY 1972 and could carry FY 1972 funds over and obligate them in FY 1973.

This listing of State-administered research and development projects was compiled on the basis of information supplied to the U.S. Office of Education by each State. Additional descriptive information on each of the projects may be located in the "Research Projects in Progress" section of Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), a journal which is published quarterly by the ERIC Clearinghouse on Vocational and Technical Education, Ohio State University, 1960 Kenny Road, Columbus, Ohio 43210. Persons wishing more detailed information about a particular project than that contained in the Abstracts should correspond with the Director of the State Research Coordinating Unit in the State concerned. The names and addresses of all of the RCU Directors are provided in Appendix A of this publication.

This publication has been prepared by staff members of the Program Development and Operations Branch of the Division of Vocational and Technical Education.

Michael Russo
Acting Director
Division of Vocational
and Technical Education

June 1973

ALABAMA

State Allotment		Total Funds Obligated	
FY 1971	$398,237	FY 1971	$232,092
FY 1972	$197,115	FY 1972	$ 29,368

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$44,460	General Research Corporation	Project to Define Computer Requirements for Vocational Education in Alabama
(2)	$55,900	Harper, Cotton, and Little, Inc.	Development of an Industrial Development Training Program for Alabama
(3)	$14,500	Fry Consultants Inc., Atlanta, Ga.	A Study to Re-define the Management Organization of the Vocational Division of the Alabama State Department of Education
(4)	$20,632	University of Alabama	Career Education Counseling: A Study of Counselor Competencies Required for Maximum Career Development Assistance to Vocational Education Students
(5)	$25,000	State Department of Education	Inter-State Distributive Education Curriculum Consortium
(6)	$31,100	Harper, Cotton, and Little, Inc.	An Analysis of Alabama's Technical Institute System
(7)	$39,500	W. M. Arnold Associates	A Program Planning Study of the State and Local Vocational Education System in Alabama

FY 1972

(1)	$17,200	Harper, Cotton, and Little, Inc.	An Analysis of Alabama's Technical Institute System
(2)	$12,168	W. M. Arnold Associates	A Program Planning Study of the State and Local Vocational Education System in Alabama

ALASKA

State Allotment
FY 1971 $23,462
FY 1972 $12,039

Total Funds Obligated
FY 1971 $22,662
FY 1972 $ 9,296

Projects Funded:

FY 1971

Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1) $2,910	Alaska Health Manpower Corporation #4003	Identify Potential Jobs in Vocational Health Occupations
(2) $10,000	Alaska Manpower Advisory Council	Identify State Manpower Need Assessment
(3) $3,000	Alaska Methodist University	Akmoto Economic Study of Northwest Alaska
(4) $6,752	Martini Study	Feasibility and Equability of the Foundation Support System

FY 1972

(1) $9,296	Martini Study	Feasibility and Equability of the Foundation Support System

ARIZONA

State Allotment		Total Funds Obligated	
FY 1971	$171,350	FY 1971	$10,356
FY 1972	$ 85,421	FY 1972	$45,939

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$2,800	Research Coordinating Unit	The Development of a Cost Factor for Occupational Education Average Daily Attendance
(2)	$4,983	Northern Arizona University	Employer Survey of Vocational-Technical Education Graduates, Phase I
(3)	$1,900	Research Coordinating Unit	The Relationships between tasks performed by Office Employees and by Office Education Students
(4)	$600	Arizona State University	A Comparison of the Perception of the Cooperative, Distributive and Office Education Programs in High Schools in the State of Arizona by Employers, Coordinator, and Administrators
(5)	$600	Arizona State University	A Comparison of Attitudes of Minority and Nonminority Students Toward Nonskill Aspects of Office Work

FY 1972

(1)	$37,723	Palo Alto Educational Systems, Inc.	A Computerized System of Enrollment Data for Vocational-Technical Education
(2)	$8,216	Palo Alto Educational Systems, Inc.	Arizona Occupational Student Followup 1970-71

ARKANSAS

State Allotment
FY 1971 $214,721
FY 1972 $106,580

Total Funds Obligated
FY 1971 $154,768
FY 1972 $ 77,167

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$26,619	Division of Vocational, Technical and Adult Education State Department of Education	The Development of Vocational Orientation Packets for Use by Teachers in the Elementary School
(2)	$20,908	University of Arkansas	Arkansas Vocational Education Leadership Development Extern Program
(3)	$17,314	Twin Lakes Vocational-Technical School	Pilot Project for Office Simulation
(4)	$6,867	State Department of Education	Mini-Grants for Local Action Oriented Research to Improve Voc-Tech Ed in Arkansas
(5)	$14,502	Chicot County Memorial Hospital	Training Nurse's Aides to Become Licensed Practical Nurses in Isolated, Rural Hospitals
(6)	$7,397	Parkview High School	Pilot Project for Office Simulation
(7)	$19,994	Little Rock Public School of Pulaski County	Developing a Curriculum Guide for Use by Vocational Orientation teachers in the Little Rock Public Schools as well as Teachers in the State of Arkansas and Field Testing the New Curriculum for Effectiveness During the 1971-72 School Year
(8)	$11,055	State College of Arkansas	A Research and Demonstration Program for the Preparation of Health Occupation Teachers for Secondary and Post-Secondary Schools

ARKANSAS (continued)

(9)	$6,296	University of Arkansas	A Proposal for the Development and Testing of Single Occupation Film Loops and 135 mm Color Slides for Use with Secondary and Post-Secondary Students
(10)	$8,951	University of Arkansas Fayetteville, Arkansas	Teaching Techniques and Resources Material Development for Nutrition Education Among Disadvantaged Youth and Adults
(11)	$14,865	Newport Special School District	A Proposal for a Study to determine the Correlation Among Student Interests, Vocational Courses Pursued and Job-Entry Occupational Choices

FY 1972

(1)	$16,690	University of Arkansas Fayetteville, Arkansas	Teaching Techniques and Resources Material Development for Nutrition Education Among Disadvantaged Youth and Adults
(2)	$6,060	Newport Special School District	A Proposal for a Study to determine the Correlation Among Student Interests, Vocational Courses Pursued and Job-Entry Occupational Choices
(3)	$20,206	State College of Arkansas	A Research and Demonstration Program for the Preparation of Health Occupation Teachers for Secondary and Post-Secondary Schools
(4)	$17,499	University of Arkansas	A Proposal for the Development and Testing of Single Occupation Film Loops and 135mm Color Slides for Use with Secondary and Post Secondary Students
(5)	$16,712	Little Rock Public Schools of Pulaski County	Developing a Communitive Skills Program for Ninth Grade Students at the Metropolitan Voc-Tech Ed Center and Coordinating the Instruction of Communitive Skills Courses in All Senior High Schools in the Little Rock School District

CALIFORNIA

State Allotment		Total Funds Obligated	
FY 1971	$1,389,473	FY 1971	$1,264,473
FY 1972	$ 705,568	FY 1972	$ 270,980

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$81,716	California State Polytechnic College	Work Experience Education Research for Accountability
(2)	$77,959	College Entrance Examination Board	Youth Guidance Systems
(3)	$10,681	University of California at Davis	Comparative Cost of Manpower Education: A Methodological Study
(4)	$88,438	San Joachin County Superintendent of Schools	An Experimental Research Project to Test a More Effective Means to Achieve Stated Work Experience Education Program Goals
(5)	$41,822	Ventura County Superintendent of Schools	The Ventura County Manpower Projection Model
(6)	$54,742	San Diego County Superintendent of Schools	A Study of the VIEW System in California
(7)	$19,563	Napa County Superintendent of Schools	Effectiveness of Occupational Training for Disadvantaged and Handicapped Youths and Adults
(8)	$30,983	University of California at Los Angeles	Allied Health Professions Projects, Secondary Schools Pilot and Demonstration Project
(9)	$35,545	Sacramento County Schools	Evaluation System Model for the Basic Functions of Voc Ed in California

CALIFORNIA (continued)

(10)	$16,610	Attending Staff Association of Rancho Los Angeles Hospital, Inc.	An Evaluative Followup Study of Voc Ed and Training Programs for Disabled/Disadvantaged Persons
(11)	$18,000	West Valley Joint Community College District	San Francisco Bay Area Environmental Ed Needs Study
(12)	$2,000	Los Angeles Community College District	Feasibility Study and Task Analysis for Vocational Curriculum to Train Environmental Technicians
(13)	$17,111	Santa Barbara City College	A Cost Analytic Model for Santa Barbara City College Day Credit Vocational and Non-Vocational Courses
(14)	$45,000	Southern California Regional Occupational Center	Performance and Attitude Guidance Selection Model for Vocational Training
(15)	$45,000	San Diego Community College District	Evaluation Model Development for Marine Technology Programs
(16)	$90,000	Pacific Grove Unified School District	Research to Develop a Model Instructional Program in the Office Cluster of Business Occupations
(17)	$53,922	Fresno County Department of Education	An Instructional Assessment System for Vocational Education Programs
(18)	$52,537	Santa Barbara County Schools	An Approach to Quantitative Assessment of Present and Future Occupational Needs and Opportunities
(19)	$39,800	San Mateo Junior College District	A Research Project to Test a Coordinated Instruction Employment Counseling System Focusing on Student Adjustment to Work
(20)	$1,350	Fresno State College	A Study of Factors Associated with Willingness of Home Economics Teachers to Teach Wage-Earning Home Economics

CALIFORNIA (continued)

(21)	$31,149	California Community Colleges	Profiles of Community College Students in Career Programs for Use in Occupational Counseling
(22)	$51,192	Napa Joint Community College	A Field Study to Determine Characteristics of Most Successful Voc Ed Programs
(23)	$60,000	San Diego Community College District	Training in Management and Information Systems for Voc Ed in California Community Colleges
(24)	$39,800	California Community Colleges	Vocational Information System Model
(25)	$17,200	Kern Joint Union High School District	Reflections of the Community: the Community Aide and Home Economics Education
(26)	$52,160	Alameda County School Department	An Evaluation of a Staff and Community Implemented Model Integrating Career Development Concepts in a Total Educational Program, K-12
(27)	$33,566	De Anza College	A Model for Evaluating Voc Ed Programs for the Handicapped and Disadvantaged in the Community Colleges
(28)	$78,901	Santa Barbara County Schools	A Proposal for the Research and Evaluation of Followup Studies of High School Graduates Using Sampling Methods
(29)	$15,595	Peralta Joint Junior College District	A Project to Develop a Cost/ Benefit Model for Vocational Programs at the College of Alemeda
(30)	$28,131	Sacramento County Superintendent of Schools	Field Testing of a Computer Based Manpower Projection System
(31)	$14,000	Santa Barbara County Superintendent of Schools	Field Test of Project #42-10421-C048-71: The Result and Evaluation of Followup Studies of High School Graduates Using Sampling Methods

CALIFORNIA (continued)

(32)	$20,000	Ventura County Superintendent of Schools	Manpower Projection Model System: Phase II

FY 1972

(1)	$10,513	Sacramento County Superintendent of Schools	Field Testing of a Computer Based Manpower Projection System
(2)	$16,000	Santa Barbara County Superintendent of Schools	Field Test of Project #42-10421-C048-71: The Result and Evaluation of Followup Studies of High School Graduates Using Sampling Methods
(3)	$19,975	Ventura County Superintendent of Schools	Manpower Projection Model System: Phase II
(4)	$30,000	San Diego Community College District	Field Test of a Vocational Research Training Model that Integrates Management and Evaluation Concepts
(5)	$40,500	San Diego Community College District	Priority Determination for Vocational Education Through a Formal Needs Assessment Process
(6)	$18,711	Shasta-Tehama Trinity Joint Community College District	Selection and Testing of a Systems Planning Model by Community College Voc Educators and Research Personnel
(7)	$15,000	South County Joint Community College District	Labor Market Analysis Survey for Handicapped Students
(8)	$30,000	University of California at Davis	Preparing Single Farm Workers for Alternative Employment Programs
(9)	$3,433	California State University, San Francisco	Action Research Training for Vocational Educators
(10)	$35,000	Foothill Community College District	Establishing Occupational Ed Research Priorities in California Community Colleges

CALIFORNIA (continued)

(11)	$18,000	Foothill Community College District	Synthesis of Handicapped and Disadvantaged Vocational Education Model into COPES Design
(2)	$23,848	Los Angeles Community College District	Development of an Audio-Visual Self-Identification Model for Use in Vocational Counseling
(3)	$10,000	Mount San Jacinto Junior College District	Research on Intrinsic-Extrinsic Motivation Concepts as Applied to Selected Voc Instructional Programs
(4)	$2,045	Regents of the Univ of Calif - Division of Voc Ed	Relationship of Federal Grants in-Aid Program to National Goals for Career Ed and Criteria for Grants-in-Aid

COLORADO

State Allotment	
FY 1971	$191,472
FY 1972	$ 98,979

Total Funds Obligated	
FY 1971	$78,594
FY 1972	$32,124

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$500	Community College of Denver	Development and Evaluation of Audio-Visual Materials for Environmental Studies
(2)	$670	Community College of Denver	Integration of Mental Health Concepts and Principles into the Total Nursing Curriculum of the Community College of Denver
(3)	$500	Colorado Mountain College	Individual Audio-Pictorial Instruction for Automotive Mechanics
(4)	$500	Colorado Mountain College	A Followup Study of Former Students of Occupational Programs at Colorado Mountain College
(5)	$495	Southern Colorado State College	Extending Individualized Instruction in the Electronic Servicing Program
(6)	$500	Arapahoe Community College	Current Data on Retail Credit
(7)	$449	Colorado State University	Individualized Training Material on School Store Operation
(8)	$15,146	San Luis Valley Area Voc School	Health Services Industry Occupational Needs Study
(9)	$930	Aurora Public Schools	Development of Sound Slides for Individualized Instruction in Distributive Education
(10)	$500	La Junta High School	Block Rotation in Distributive Ed in La Junta's High School

COLORADO (continued)

(11)	$27,600	Arapahoe Community College	The Development and Testing of a Pilot Mini-Computer Data Processing Program Leading to a Certificate of Qualification for any of the Related Emerging Employment Opportunities in Colorado
(12)	$466	Roaring Fork School District	Business Community Survey
(13)	$500	Roaring Fork High School	Reorganization of Shorthand and Office Practice Teaching Materials--Updating and Building Assignment and Teaching Materials
(14)	$1,510	Haxtun and Holyoke High Schools	Programmed Courses for Office Practice
(15)	$500	Mesa College	Programmed Course in Pharmacology for Student Nurses
(16)	$103	Colorado State University	The Need for Natural Resource Technicians in Colorado
(17)	$8,095	Pikes Peak Board of Cooperative Services	Student Parent Educational Perception Inventory
(18)	$11,250	University of Colorado	A Study to Determine Number of Individuals Available to Enter the Labor Force
(19)	$8,380	Otero Junior College	Determining the Feasibility of Offering a Two-Year Masonry Program in Colorado at the Secondary Level and the Job Placement Success the Graduates will Have in Business and Industry

FY 1972

(1)	$4,643	Colorado State University	Feasibility of Establishing an Area Voc School for School District in Adams County
(2)	$3,525	Colorado State University	A Research of the Educational Profile of the T & T Teachers in the State of Colorado of Approved Voc Programs to be Used as a Basis of Planning Off-Campus Courses by the Department of Vo Ed of CSU

COLORADO (continued)

(3)	$494	Southern Colorado State College	Basic Electricity-Behavioral Objectives through Audio-Tutorial Techniques
(4)	$490	Arapahoe Community College	Multi-Media Teaching Aids for Marketing, Introduction to Business, and Management
(5)	$500	Mesa Junior College	Programmed Course in Pharmacology for Student Nurses
(6)	$466	Glenwood Springs High School	Business Community Survey
(7)	$458	Southern Colorado State College	Conversion of Air-Conditioning and Refrigeration Courses to Audio-Tutorial Approach
(8)	$913	School District #1, Adams County	Followup Study of 1970-71 Voc Ed Graduates and Non-Completion Students
(9)	$500	Brighton Public Schools	State-wide Evaluation on Effectiveness of Distributive Education Teachers as Viewed by their Students
(10)	$425	Colorado Mountain College	Business Management Program and Employment
(11)	$483	Arapahoe Community College	Development of of Audio-Tutorial Enrichment Program for the Two Year Medical Laboratory Technician Program
(12)	$601	Denver Public Schools #1	Development of a Student Study Guide for Succeeding in the World of Work
(13)	$250	Arapahoe Community College	Digital Laboratory Experiment Stand
(14)	$500	Arapahoe Community College	Multi-Media Methods of Teaching Principles of Accounting
(15)	$538	Central High School	Individualizing Instruction in Distributive Education
(16)	$500	West End School District	Summer Secretarial Pool

COLORADO (continued)

(17)	$650	Westminster School District	A Proposal for Funding for a Project Using the General Aptitude Test Battery
(18)	$3,368	Otero Junior College	Student, Parent Survey
(19)	$11,320	Southern Colorado State College	Recruitment for Voc Ed Through Television
(20)	$700	El Paso Community College #37	Computer Based Vocational Employer and Job Placement Followup Inventory
(21)	$800	Boulder Valley Vocational School	Development of Field Testing for Job Demand Data Instrument

CONNECTICUT

State Allotment		Total Funds Obligated	
FY 1971	$197,795	FY 1971	$129,514
FY 1972	$ 99,227	FY 1972	$ 44,332

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$16,740	University Research Institute of Connecticut, Inc.	Connecticut Vocational School Directory and Statistical Summary of Connecticut Voc Ed
(2)	$13,348	University of Connecticut	An Intensive Followup Study of Connecticut Vocational Agriculture Graduates of the Classes of 1961, 1964, 1967, and 1970
(3)	$29,200	New Britain Board of Education	The Development of a Career Exploration Program for Junior High Schools in New Britain
(4)	$4,399	East Hartford Public Schools	Elementary Career Orientation Program (K-3)
(5)	$4,385	Middlesed Community College	Development of a Plan for the Training of Physicians' Assistants or Associates
(6)	$2,350	Middlesed Community College	A Comprehensive Study of the Educational Programs for X-Ray Technoligists in Connecticut
(7)	$2,632	Meriden Public Schools	A Demonstration Program to Train 12-15 High School EMR Students in Key Punch Operation Using Individual Instruction
(8)	$764	Meriden Board of Education	Longitudinal Survey and Study of Meriden's High School Graduates 1967 through 1971; Fall of each year
(9)	$5,000	Project LEARN	Shoreline Career Ed Survey

CONNECTICUT (continued)

(10)	$2,020	Windsor High School	Vocational Needs Assessment
(11)	$3,917	Granby Board of Education	Innovative Vocational Education
(12)	$3,600	Bloomfield Board of Education	Research and Curriculum Development for an Exploratory Work Experience Program -- 10th Grade
(13)	$2,000	Rocky Hill Public School District	The Development of an Alternate Learning Experience for Students in Grades 7-12
(14)	$2,050	Walcott Board of Education	Curriculum Evaluation Survey: Development of 10th Grade Distributive Education Curriculum
(15)	$2,400	Regional School District #13	Research and Development Project for the Establishment of Career Ed: K-12
(16)	$2,751	Manchester Community College	Construction for Vocational Followup Survey Instrument for Community College
(17)	$3,797	Hartford Board of Education	Developing Goals for Partially Sighted
(18)	$3,347	Manchester Community College	Survey of Needs for Services to the Elderly
(19)	$15,000	Benhaven	An Experimental Pre-Vocational Training Program for Autistic and Brain Damaged Children
(20)	$9,813	Central Connecticut State College	Development of Trade Competency Exams for Industrial Electronics, Automobile Mechanics, Machine Tool and Die, and Machine Drafting

FY 1972

(1)	$15,993	Benhaven	An Experimental Pre-Vocational Training Program for Autistic and Brain Damaged Children

CONNECTICUT (continued)

(2)	$11,884	Central Connecticut State College	Development and Validation of Occupational Competency Examinations for Trade and Industrial Instructors
(3)	$16,455	University of Connecticut	An Exploratory Study of the Characteristics of Students who seek Admission to and who Enroll in Connecticut Regional Vocational Technical Schools

DELAWARE

State Allotment	
FY 1971	$37,972
FY 1972	$20,143

Total Funds Obligated	
FY 1971	$37,972
FY 1972	$ 8,956

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$3,644	Delaware Department of Public Instruction	Teaching Strategies for Careers English
(2)	$7,000	State Department of Public Instruction	Career Science and Mathematics Education
(3)	$5,650	Delaware State Department of Public Instruction	Unified Arts Occupational Education Program
(4)	$7,000	Delaware State Department of Public Instruction	Improving Delaware's Vocational Education Information System
(5)	$14,678	Marshallton-McKean School District	Pilot Project on Extended Day Occupational Programs

FY 1972

(1)	$8,956	Marshallton-McKean School District	Pilot Project on Extended Day Occupational Programs

DISTRICT OF COLUMBIA

State Allotment	
FY 1971	$48,019
FY 1972	$23,700

Total Funds Obligated	
FY 1971	$34,594
FY 1972	$23,700

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$34,594	The Metropolitan Education Council for Staff Development	A Field Research Project to Develop and Test the Impact of Career Awareness and Achievement Motivation at the Junior High School Level

FY 1972

(1)	$23,700	The Metropolitan Education Council for Staff Development	A Field Research Project to Develop and Test the Impact of Career Awareness and Achievement Motivation at the Junior High School Level

FLORIDA

State Allotment		Total Funds Obligated	
FY 1971	$567,762	FY 1971	$516,009
FY 1972	$280,556	FY 1972	$274,308

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$14,915	University of Florida	A Study of Post-Secondary Occupational Education in Florida
(2)	$5,800	Florida State University	Identifying Implications of Research for Voc Teachers
(3)	$60,584	University of West Florida	An Evaluation of Exemplary Programs in Dade, Duval, Escambia, and Hillsborough Counties
(4)	$93,061	Broward County and Washington County Boards of Public Instruction	A Comparative Study of the Use of VIEW Materials in Two Area Voc-Tech Centers
(5)	$52,386	Florida State University	Elementary Voc Ed Curriculum Project for the State of Florida
(6)	$24,510	Selected Community Colleges and District School Boards	Establishment of Vocational Research Information Centers in Florida (Phases I and II)
(7)	$66,659	University of Florida	Fusion of Applied and Intellectual Skills (Phase I)
(8)	$19,175	University of South Florida	A Project to Develop Learning Packets in Diversified Cooperative Training
(9)	$ 9,908	Pinellas School Board	Development of a Research and Evaluation Design for an Exploratory Vocational Program at Clearwater Comprehensive Junior High School

FLORIDA (continued)

(10)	$15,744	University of Florida	A Planning Project to Study Agricultural Ed Needs
(11)	$ 2,268	Florida Atlantic University	A Followup Study of the 1965-66 High School Cooperative Distributive Education Students
(12)	$ 9,798	Florida State University	A Planning Grant to Idenfity Mid-Management, Semi-Professional, and Technical Personnel Needs and Employment Opportunities to Redirect Training Programs
(13)	$ 6,878	Wymore Voc-Tech Center	A Planning Grant to Develop an Exemplary Program Model in Orange County
(14)	$ 6,924	Florida State University	A Review of Literature to Identify Innovative Curricular Materials in Voc Ed and Development of a Model Inventory of Research and Development Resources
(15)	$19,353	Florida State University	Evaluation of Learner Oriented Occupational Materials
(16)	$ 9,098	University of Florida	Evaluation of Materials Developed in Project FAIS
(17)	$67,029	Escambia, Duval, and Hillsborough Counties	Summer Workshops to Develop Additional Curricula to be Used in the Exemplary Programs
(18)	$8,875	University of West Florida	Planning a Project to Identify Communication Problems of Voc Ed Teachers in Stof, Florida
(19)	$4,759	School Board of Brevard County, Florida	Development of a Planning/ Implementing Model for a K-14 Career Ed Program in Brevard County
(20)	$9,985	University of Florida	Proposal for a Planning Grant to Study the Dissemination/ Diffusion Process in Selected Florida Schools
(21)	$5,720	University of Florida	A Planning Grant for Development Procedures which will Identify and Define Student Personnel Services for Area Voc Tech Centers in Florida

FLORIDA (continued)

(22)	$2,581	County Board of Public Instruction Duval, Dade, Escambia, Hillsborough	Information Systems for Exemplary Programs

FY 1972

(1)	$2,768	Selected Community Colleges, Universities, and District School Boards	Establishment of Vocational Research Information Centers in Florida (Phase III)
(2)	$21,148	University of Florida	A Planning Project to Study Agricultural Ed Needs in Florida
(3)	$20,895	Florida State University	Identifying Implications of Research for Vocational Teachers and to Continue Part-Time Research Position for Industrial Education
(4)	$92,052	Broward and Washington County Boards of Education	A Comparative Study of the Use of VIEW Materials in Two Area Voc-Tech Centers
(5)	$14,700	Florida Atlantic University	Development of Criterion Referenced Instruments for Distributive Ed Programs
(6)	$74,985	Florida State University	Elementary Voc Ed Curriculum Project for the State of Florida (Project LOOM)
(7)	$47,760	University of West Florida	An Evaluation of Exemplary Programs in Dade, Duval, Escambia and Hillsborough Counties

GEORGIA

State Allotment

FY 1971	$517,822
FY 1972	$507,931

Total Funds Obligated

FY 1971	$255,831
FY 1972	$243,333

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$84,256	University of Georgia	The Development of an Individualized Instructional System for Selected Multi-Occupational Programs in the Area Vocational High Schools of Georgia
(2)	$94,700	Roy Jorgensen Associates, Inc.	Development of Five Mathematics Courses for Voc Ed Purposes
(3)	$40,000	University of Georgia	Developing and Piloting A Program of Individualized Instructional Systems for Five Postsecondary Vocational Offerings in the Field of Trade and Technical Education
(4)	$10,000	University of Georgia	The Development and Implementation of a Core of Individualized Instructional Packages Providing a Marketing Option for Students Enrolled in Non-Marketing Programs in Postsecondary Area Voc-Tech Schools
(5)	$48,000	Eleven Elementary Schools in the Ten Congressional District of State	A Curriculum Research Project: A Career Development Program in the Elementary School
(6)	$73,639	Georgia Institute of Technology	Survey of Employment Opportunities, Career Ladders, and Training Requirements for Vocational Basic Job Clusters with Projections of Job Openings and Training Requirements to 1976

GEORGIA (continued)

(7)	$15,000	Athens Area Vocational-Technical School	Developing and Piloting a Model Counseling Program for an Area Vocational-Technical School's Part-Time Adult Students
(8)	$97,651	Atlanta Public Schools	Operation Guidance
(9)	$25,970	State Board for Voc Ed; Atlanta Board of Education	Occupational Information Center for Education-Industry
(10)	$18,600	University of Georgia	The Establishment of a Systematic Internship Program for University of Georgia, Voc Ed Doctoral Candidates to Work Part-Time for the State Board of Ed, Voc Ed Division
(11)	$21,436	University of Georgia	The Establishment of a Research and Dissemination Component in the Voc Ed Division of the University of Georgia
(12)	$20,000	Cossa Valley Voc-Tech School	Differential Staffing Project for a Post-Secondary School
(13)	$42,300	Lockhead Company of Georgia	Developing an Individualized Training Program to Teach Instructors to Become Managers of the Learning Process
(14)	$40,000	Lockhead Company of Georgia	The Complete Packaging of an Individualized Machine Shop Program for Post-Secondary Schools

FY 1972

(1)	$15,744	University of Georgia	The Development of an Individualized Instructional System for Selected Multi-Occupational Programs in the Area Vocational High Schools of Georgia
(2)	$10,000	Atlanta Public Schools	Operation Guidance

GEORGIA (continued)

(3)	$25,268	State Board for Voc Ed; Atlanta Board of Education	Occupational Information Center for Education-Industry
(4)	$391	Lockhead Company of Georgia	Developing an Individualized Training Program to Teach Instructors to Become Managers of the Learning Process
(5)	$40,766	Lockhead Company of Georgia	The Complete Packaging of an Individualized Machine Shop Program for Post-Secondary Schools
(6)	$25,000	Dekalb County School System	Participation in an Interstate Distributive Education Curriculum Project
(7)	$76,000	University of Georgia	Special Curriculum Project for Second Year Phase of Cluster Program
(8)	$9,000	Georgia Southern College	Projects Designed to Develop Region Teacher Training Institutes
(9)	$15,000	University of Georgia	Film: Career Ed in Georgia
(10)	$25,000	Executive Branch of the State of Georgia	Study of Student Financial Aid in Georgia for Post-Secondary Students Especially to Include Vocational and Technical Students
(11)	$1,164	West Georgia College	Special Research Project Consultants

HAWAII

State Allotment	
FY 1971	$74,507
FY 1972	$37,058

Total Funds Obligated	
FY 1971	$ 9,870
FY 1972	$ 20,832

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$ 5,870	Kapiolani Community College	Handicapped Student Research Project
(2)	$ 4,000	Vice President's Office for Community Colleges	A Study of Computer Curriculum in Our Community Colleges

FY 1972

(1)	$ 4,145	Department of Education, Vocational Division	Planning and Development of a Statewide Vocational and Technical Data System
(2)	$16,687	Kawai Community College	Kawai Community Occupational Survey

IDAHO

State Allotment		Total Funds Obligated	
FY 1971	$78,367	FY 1971	$8,666
FY 1972	$40,804	FY 1972	$14,091

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$8,666	Canyon Owyhee	Orientation to Health Occupations

FY 1972

(1)	$8,754	Canyon Owyhee	Orientation to Health Occupations
(2)	$5,337	Madison High School	The Impact of a Comprehensive Program to Improve Office Occupations Education at Madison High School as Measured by Student Competence

ILLINOIS

State Allotment
FY 1971 $742,272
FY 1972 $375,446

Total Funds Obligated
FY 1971 $730,814
FY 1972 $375,446

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$13,469	Niles Township High Schools	System for Individualizing Vocational Education
(2)	$19,825	Southern Illinois University	Commercial Horticultural Skill-Practices Institute
(3)	$13,485	Southern Illinois University	Analysis of Surveys of Illinois Vocational Guidance
(4)	$108,812	Northern Illinois University	The World of Work as an Organizing Center for the Curriculum of the Elementary School
(5)	$43,008	Southern Illinois University	Facilitating Career Development at the Elementary School Level
(6)	$8,595	Finger College of City Colleges of Chicago	Feasibility Study for the Handicapped Individuals
(7)	$25,318	School District No. 70 and 128 Libertyville	Joint Occupational Orientation Project an Experimental Approach to Vocational Education
(8)	$55,874	Southern Illinois University	Deliquency Intevention Project Phase III
(9)	$20,718	Community High School District #155	Nuclear Radiation Project Study
(10)	$39,945	Parkland College	Pre-Vocational and Technical Physics Phase II
(11)	$4,632	Eastern Illinois University	A Followup Study of Illinois Home Economics Job Training Programs
(12)	$3,948	Southern Illinois University	State Survey of Home Economics Programs in Illinois

ILLINOIS (continued)

(13)	$10,783	University of Illinois	Metropolitan Programs in Applied Biological and Agricultural Occupations: A Need and Attitude Study
(14)	$5,571	University of Illinois	Development of Three Phase On-Site Evaluation Instruments
(15)	$192,991	Community High School District #88	Computerized Vocational Information System (CVIS)
(16)	$2,500	Illinois Bureau of Employment Security	Study to Assess Feasibility of a Pilot Home-Based Day Care Program Utilizing Welfare Mothers and Other Disadvantaged Persons as Members of the Child Care Staff Team
(17)	$7,547	University of Illinois, Urbana-Champaign	Analysis of One and Five Year Plans of Local School Districts for Voc Ed
(18)	$27,326	C. Joseph Ehrenberg and Associates	A Special Analysis of Voc Ed in the City of Chicago
(19)	$23,460	Illinois State University	An Analysis of Secondary Area Vocational Centers in Illinois
(20)	$1,811	Springfield Public School District #16	Development of an On-Line Pupil Data Bank
(21)	$10,006	University of Illinois	The Development of a System Model(s) for the Collection Processing, Summarization and Comparison of Course Costs, Enrollment, and Reimbursement Data of the Community College Level (Phase I)
(22)	$91,190	Joliet Junior College	Illinois Occupational Curriculum Project Phase I and II

FY 1972

(1)	$23,398	Board of Trusties of the University of Illinois at Urbana	Implementation of State-wide On-Site Evaluation System
(2)	$50,004	Eastern Illinois University	Development of a Systematic Approach to Followup Evaluation

ILLINOIS (continued)

(3)	$5,272	Board of Trustees of the University of Illinois at Urbana	The Development of a Systems Model(s) for the Collection, Processing, Summarization, and Comparison of Course Cost, Enrollment, and Reimbursement Data of the Community College Level (Phase II)
(4)	$51,048	Joliet Junior College	Illinois Occupational Curriculum Project Phase I and II
(5)	$23,599	Tadlock Associates, Inc.	A Proposal for the Review and Assessment of the Change and Impact on Occupational Education Resulting from Research and Development Activities Supported by the DVTE of Illinois
(6)	$92,855	Northern Illinois University	The World of Work as an Organizing Center for the Curriculum of the Elementary School
(7)	$32,495	Southern Illinois University	Facilitating Career Development at the Elementary Level
(8)	$38,812	Community High School District #155	Nuclear Radiation Project Study
(9)	$57,963	Southern Illinois University-Carbondale	Cost Differential Analysis in Regular Secondary Vocational Programs and Area Vocational Centers in Illinois

INDIANA

State Allotment		Total Funds Obligated	
FY 1971	$431,978	FY 1971	$431,978
FY 1972	$223,021	FY 1972	$223,021

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$12,573	Metropolitan School District of Lawrence Township, Marion County	Vocational Health Occupations Respiration Theory Phase I
(2)	$327,000	Metropolitan School District of Washington Township, Marion County	Curriculum Development and Computerized Evaluation in Vocational Education
(3)	$16,706	Indiana State University	Developmental Project at Indiana State Univ Resource Center
(4)	$32,064	West Washington, Muncie, and Greenwood Community Schools, Tippecanoe School and Bartholomew Consolidated School District	Area Feasibility Studies
(5)	$10,000	Vincennes University	Drafting--Computer Plotter Training Program
(6)	$8,007	Purdue University	An Evaluation of the Purdue University Agriculture Ed Apprenticeship Program
(7)	$13,810	Vincennes University	VOCEDS Project--Computerized Data System
(8)	$11,818	Elwood City Schools	Developing and Testing Through a Pilot Program the Related Mathematics Essential for the Vocational Machines Tool Area

FY 1972

(1)	$25,000	Indiana Voc-Tech College	A Study of the Vocational and Educational Plans of the 1972 Graduating Class of High School Seniors

INDIANA (continued)

(2)	$1,941	Upper Wabash Voc School	Followup Study of Upper Wabash Vocational School Graduates
(3)	$4,715	Indiana University	A Pilot System for Research and Development Product Dissemination
(4)	$33,180	Indiana State University	A Proposal to Expand the Capabilities of the Instructional Resource Center, Voc-Tech Department School of Technology
(5)	$1,000	Indiana State University	Intensive Office Lab Followup and Evaluation
(6)	$500	Indiana State University	Conducting and Evaluating Practical Research
(7)	$6,970	Indiana State University	A Plan for Development of Photographic Process of Overhead Transparencies
(8)	$1,916	Purdue University	Project for Development of an Independent Study Instrument Unit Concerned with the Metric System of Measurement
(9)	$200	Gary Voc-Tech Center	Promotion of Area Center (brochure)
(10)	$43,850	St. Joseph College	Voc Ed Attitude Study
(11)	$12,000	Indiana State University	A Project to Develop Self-Instructional Materials for Upgrading Licensed Teachers
(12)	$14,282	M.S.D. of Lawrence Township	A Research Study for the Development and Evaluation of an Allied Health Program in Respiratory Therapy at the Secondary Level
(13)	$40,000	Benton, Lebanon, Clarksville, Washington, Lakeland, Warsaw, Griffith, Tri-Creek Community School Cooperations, Michigan City Area School, Monroe County, Shellbyville County, and Evansville-Vanderbrugh Community Schools	Piloting the Career Education Curriculum Guide
(14)	$10,050	Ross Township Community Schools	Lake County Area Vocational Feasibility Study

INDIANA (continued)

(15)	$2,961	Purdue University	The Level of Administrator, Counselor, and Student Acceptability of Alternative Agri-Business Ed Programs in Indiana Secondary Schools
(16)	$16,520	Purdue Univ	Industrial Ed Attitude Study
(17)	$7,936	Indiana University	A System to Integrate Efforts of Universitie Counselors, Educators, and Voc Educators to Develop a Stronger Counselor Training Program

IOWA

State Allotment
FY 1971 $244,033
FY 1972 $128,938

Total Funds Obligated
FY 1971 $234,003
FY 1972 $116,014

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$70,000	Department of Public Instruction	Career Ed Needs Information System (CENIS)
(2)	$14,685	Iowa State University	Identification of Competencies for Occupations in Housing, Design and Interior Decorating
(3)	$9,505	Iowa State University	Identification of Competencies for Child Care Occupations
(4)	$31,890	Iowa Department of Public Instruction	Learning Activity Packages for a Distributive Education Learning System
(5)	$13,551	Iowa State University	Identification of Occupational Competencies in Services for the Electro-mechanical Cluster Occupations
(6)	$9,250	University of Northern Iowa	Identification of Competencies in Clothing Apparel and Textile Industry in Iowa
(7)	$12,681	University of Northern Iowa	Identification of Competencies for Family and Community Services Occupations in Iowa
(8)	$7,834	University of Northern Iowa	The Identification Analysis and Validation of Resource Materials for Occupational Preparation and Training in Photo-Offset Lithography
(9)	$49,603	Mason City Community School District	Unifying a Career Development Theme in the Curriculum through Teacher Inservice Activities
(10)	$2,300	Iowa Department of Revenue	Low-Income Individuals in Iowa Counties and School Districts

IOWA (continued)

(11)	$2,534	Department of Public Instruction	Annaul Followup Processed by Iowa Education Information Center
(12)	$10,200	Department of Public Instruction	Research Third Party Evaluation Conducted by the Iowa Center for Research in School Administration

FY 1972

(1)	$62,500	Department of Public Instruction	Career Education Needs Information System (CENIS)
(2)	$5,670	University of Northern Iowa	Identification of Competencies in Clothing Apparel and Textile Industry in Iowa
(3)	$14,893	Iowa State University	Identification of Competencies for Occupation in Institutional and Household Services
(4)	$15,895	Iowa State University	Identification of Competencies in Food Service
(5)	$6,856	University of Northern Iowa	An Occupational Analysis of Job Opportunities and Related Competencies Required for Entry into the Semi-Skilled, Skilled, and Technical Occupational Levels of the Plastics Industry
(6)	$10,200	Department of Public Instruction	Iowa Center for Research in School Administration -- Third Party Evaluation

KANSAS

State Allotment
FY 1971 $209,208
FY 1972 $109,014

Total Funds Obligated
FY 1971 $209,208
FY 1972 $109,014

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$209,208	Kansas State University	Vocational Education Manpower Utilization Project

FY 1972

(1)	$3,540	Kansas State Teachers College	A Computerized State-Wide Followup System Which Utilizes Sampling As a Data Collection and Projection Technique
(2)	$26,882	Wisconsin Department of Public Instruction	Interstate Distributive Education Curriculum Consortium
(3)	$2,672	Kansas State University	Computerized Student Accounting System for Vocational Students -- Project K-MUST
(4)	$8,415	State Board of Education and Kansas State University	Formulation for Vocational Reimbursement and Plans for Developing a Research Coordinating Unit
(5)	$5,000	Guidance Services Section, State Department of Ed	K-12 Guide Integrating Career Development into Local Curriculum
(6)	$8,000	Unified Schools Association for Voc Ed - Hill City	Developing Vocational and Career Ed in Rural Schools in Northwest Kansas
(7)	$52,505	Wichita Public Schools -- Unified School District #259	Conceptual Base Curriculum of Industrial Education of Secondary Schools
(8)	$2,000	Central Kansas Area Vocational Technical School	A Proposal for a Area Voc-Tech School Capital Outlay Survey Project

KENTUCKY

State Allotment		Total Funds Obligated	
FY 1971	$361,129	FY 1971	$265,158
FY 1972	$178,740	FY 1972	$165,717

Projects Funded
FY 1971

Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1) $ 3,435	University of Kentucky	"Two Institutes to Develop Understandings and Plans for Vocational Guidance in a Vocational Education Region"
(2) $ 7,900	State Department of Education	"A Workshop on Determining Performance Ojbectives"
(3) $21,559	State Department of Education	"Procedures and Techniques for Locally-Directed, State-Assisted Evaluation of Secondary and Post-Secondary Programs of Vocational Education in the Central Kentucky Region"
(4) $ 8,300	Bureau of Vocational Education	"Career Education Inservice Project"
(5) $46,342	RCU	"The Development and Try Out of a System for Evaluating Programs of Vocational Teacher Education"
(6) $21,559	Bureau of Vocational-Technical Education	"Vocational Education Evaluation Project"
(7) $ 1,170	University of Kentucky	"Professional Staff Survey"
(8) $105,000	Bowling Green Independent Board of Education	"Career Education
(9) $95,000	Newport Independent Board of Education	"Career Education
(10) $42,429	Western Kentucky University	"Development and Try Out System for Evaluation in Vocational Teacher Education

KENTUCKY (continued)

FY 1972

(1) $ 8,300	Bureau of Vocational Education	"Career Education Inservice Project"
(2) $25,824	Western Kentucky University	"Development and Try Out System for Evaluation in Vocational Teacher Education"
(3) $ 500	University of Kentucky	Project for the Development of a Final Report on the Central Kentucky Vocational Education Evaluation
(4) $ 3,690	Department of Vocational Education	An Analysis of the Image of Vocational Education
(5) $23,655	University of Kentucky	Distributive Education Curriculum Project - Phase II
(6) $12,435	Jefferson County Board of Education	Continuation of Demonstration and Development for Model Office Programs
(7) $15,746	Western Kentucky University	Analysis of Problems Encountered by Classroom Teachers Associated with Their Involvement in the Kentucky Regional Career Education Development Project
(8) $10,000	Bureau of Vocational Education	Development of an Administrative Policy Manual for Vocational Education
(9) $10,000	University of Kentucky	"Conserted Services"
(10) $ 3,689	Western Kentucky University	"Review and Survey of Literature on Handicapped and Disadvantaged"
(11) $ 2,200	University of Kentucky	"MDTA Workshop Report"
(12) $14,120	University of Kentucky	"Home Economics Curriculum Guide Evaluation"
(13) $24,209	Jefferson County Board of Education	"Jefferson Model Office Project"

KENTUCKY (continued)

(14)	$4,200	Central Kentucky University	"Central Kentucky Student Followup"
(15)	$6,749	University of Kentucky	"Professional Ojbectives and Mini Project"

LOUISIANA

State Allotment	
FY 1971	$414,628
FY 1972	$208,042

Total Funds Obligated	
FY 1971	$382,356
FY 1972	$152,482

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$8,223	Morehouse Parish School	A Pilot Project for Training 12th Grade Students in the Nurse Aide Certificate Course
(2)	$35,000	Grant Parish School Board and Winn Parish School Board	A Demonstration Project for Occupational Orientation of Students in Grades 7 through 12 Attending Schools in Grant and Winn Parishes
(3)	$42,871	Acadia Parish School Board	A Demonstration Project for Training in Electronics Data Processing
(4)	$42,726	Louisiana Tech Univ	A Study of the Aims and Needs of College Voc Ed Dropouts
(5)	$44,859	Louisiana State Univ	Occupational Experiences of Louisiana High School Graduates
(6)	$6,000	Louisiana State University	Employment Status of Louisiana High School Cooperative Occupational Graduates of 1971
(7)	$23,687	Louisiana State University	To Develop for Each Level of Career Ed an Instructional Program Including Objectives, Activities Required to Meet Each Objective, Time Allotment, Resources Required, and Suggestions for Developing Subject Matter Materials Needed at Each Career Education Level
(8)	$30,000	Lafayette Parish School Board	A Demonstration Project for Occupational Orientation of Students in Grades 8, 9, and 10 Attending Lafayette Parish Schools
(9)	$10,000	Lafayette Parish School Board	Normative Survey in Career Development for the Handicapped

LOUISIANA (continued)

(10)	$4,500	East Baton Rouge Parish School Board	A Research Project in Cooperative Career Ed Programs
(11)	$45,000	Peat Marwick, Mitchell, and Co.	Preliminary Planning Study for Establishment of Career Opportunity Community Colleges in Greater New Orleans Area
(12)	$89,600	New Orleans Public Schools	Computer Based Data System for Voc Career Guidance

FY 1972

(1)	$1,805	Acadia Parish School Board	A Demonstration Project for Training in Electronics Data Processing
(2)	$111	Louisiana State University	To Develop for Each Level of Career Ed an Instructional Program Including Objective, Activities Required to Meet Each Objective, Time Allotment, Resources Required, and Suggestions for Developing Subject Matter Materials Needed at Each Career Ed Level
(3)	$111	East Baton Rouge Parish School Board	A Research Project in Cooperative Career Ed Programs
(4)	$80,000	Lafayette County	Research and Development Project in Career Ed
(5)	$70,566	Calcacieu County	Research and Development Project

MAINE

State Allotment	
FY 1971	$99,678
FY 1972	$49,626

Total Funds Obligated	
FY 1971	$92,232
FY 1972	$39,585

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$18,450	Kenneth Foster Regional Voc-Tech Center, SAD #9	Career Resource Center
(2)	$3,210	Waterville School Department	Accelerated Typewriting Program in the High School Through the Use of Homework
(3)	$2,880	Narraquagus High School MSAD #37	An Evaluation of the Effects of a Planned Career Ed Program for Grades 7-10 Students and Parents in a Rural Area
(4)	$9,904	University of Maine	Development of Selection Criteria for Selected Regional Voc-Tech High School Training Programs
(5)	$27,021	Portland Public Schools	PACE-Program to Advance Career Education
(6)	$11,836	University of Maine-Farmington	Career Development Outreach Program
(7)	$18,931	Westbrook Regional Tech-Voc Center	Westbrook Educates for Business (WEB)

FY 1972

(1)	$7,338	Northern Maine Voc-Tech Institute	Survey Instrument/Techniques for Followup Evaluations
(2)	$11,530	Northern Maine Voc-Tech Institute	Diagnostic Aids for Guidance and Counseling at the VTIB
(3)	$2,286	Bungor School Department-Office of Research and Evaluation	Survey of Vocational Education Needs of Southern Penoscot County

MAINE (continued)

(4)	$179	University of Maine	Development of Selection Criteria for Selected Regional Voc-Tech High School Training Programs
(5)	$18,252	Lake Region Tech-Voc Center	Supportive Services for Voc Ed Students

MARYLAND

State Allotment
FY 1971 $304,700
FY 1972 $151,322

Total Funds Obligated
FY 1971 $250,533
FY 1972 $108,261

Projects Funded:

FY 1971

Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1) $21,530	Baltimore County Bd of Education	Returnee Research Project
(2) $12,005	Catonsville Community College	Investigating Relationships Between High School and Community College Occupational Programs and Implementation Procedures on an Experimental Basis
(3) $25,704	Catonsville Community College	Institutional Evaluation: A Comprehensive Followup of all Entrants to the Catonsville Community College from Autumn 1966 through Autumn 1968
(4) $100,000	Charles County Community College	Research and Development for a Computer Assisted Instruction Center for Secondary Vocational Projects
(5) $36,000	Charles County Community College	Vocational Education Student - Teacher Data System and Allocation of Funds FY 1971
(6) $7,016	Frederick Community College	Research Program to Determine the Manpower Needs and Student Interest for the Aviation Industry for the State of Maryland
(7) $29,888	Montgomery County Public Schools	Voc Ed Development Project for the Disadvantaged
(8) $28,390	Baltimore County Public Schools	Voc Ed Evaluation And Needs Assessment in Baltimore County Public Schools

MARYLAND (continued)

FY 1972

(1)	$26,541	Baltimore County	Summer Survey and Returnee Research Project
(2)	$3,748	Prince George's County Public Schools	A Survey and Status Evaluation of the Diversified Occupations Program in Prince George's County, Maryland
(3)	$13,424	Catonsville Community College	Institutional Evaluation Revisited, Revised and Extended: Focus on the Career Student
(4)	$14,638	Catonsville Community College	An Empirical Investigation of the Effects of the Catonsville Community College Environment Upon the Affective Development of Career-Voc Students and Suggested Pragmatic, Environmental Alternatives; Towards a Generalizable Model for this Assessment
(5)	$40,000	Charles County Community College	Research and Development for a Computer Assisted Instruction Center for Secondary Vocational Projects
(6)	$10,000	Dundalk Community College	Para-Professionals as Diet, Nutrition, and Medicare Counselors: A Study in Effectiveness

MASSACHUSETTS

State Allotment
FY 1971 $399,150
FY 1972 $194,120

Total Funds Obligated
FY 1971 $320,269
FY 1972 $119,786

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$68,000	Shawsheen Valley Regional Voc-Tech School	Evaluation Service Center for Occupational Ed (ESCOE)
(2)	$89,000	Shawsheen Valley Regional Voc-Tech School	Management Information System for Occupational Ed (MISOE)
(3)	$70,000	Greater Lawrence Voc-Tech School	Career Ed Document Information System for Occupational Ed (CEDIS)
(4)	$92,769	Blue Hills Regional Voc-Tech School	Computer Assisted Research for Educational Relevance (CAREER)

FY 1972

(1)	$31,250	Shawsheen Valley Regional Voc-Tech School	Evaluation Service Center for Occupational Ed (ESCOE)
(2)	$34,000	Shawsheen Valley Regional Voc-Tech School	Management Information System for Occupational Ed (MISOE)
(3)	$30,000	Greater Lawrence Voc-Tech School	Career Ed Document Information System for Occupational Ed (CEDIS)
(4)	$24,536	Blue Hills Regional Voc-Tech School	Computer Assisted Research for Educational Relevance (CAREER)

MICHIGAN

State Allotment		Total Funds Obligated	
FY 1971	$699,817	FY 1971	$589,000
FY 1972	$359,043	FY 1972	$359,043

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$169,000	Genesse Intermediate School District	Computer-Assisted Education Career Exploration System (ECES) - A Feasibility Study of a Computerized Career Guidance System
(2)	$225,000	Ingham Intermediate School District	An Individual Instructional System for Development of Curriculums on a Modular Basis Through the Techniques of Occupational Task Analysis
(3)	$55,000	Wayne State University	Developing and Implementing a Systems Approach to Vocational Teacher Ed
(4)	$10,000	Ferris State College	An Articulation Program Involving Ferris State College and State of Michigan Community Colleges and Selected Post Secondary
(5)	$60,000	Wayne State University	A Systems Approach to Managing Individualized Instructional Curriculum (Modular) Developed Through Techniques of Occupational Task Analysis
(6)	$70,000	RCU	Voc Ed Information Support System (VEISS) a Computerized Reporting and Planning Support System

FY 1972

(1)	$40,000	RCU	Voc Ed Information Support System (VEISS) a Computerized Reporting and Planning Support System

MICHIGAN (continued)

(2)	$109,043	Ingham Intermediate School District	An Individual System for Developing of Curriculums on a Modular Basis Through the Techniques of Occupational Task Analysis
(3)	$120,000	Ingham Intermediate School District	A System Approach to Managing Individualized Instructional Curriculums (Modular) Developed Through the Techniques of Occupational Task Analysis
(4)	$90,000	Wayne State University	Developing and Implementing a Systems Approach to Vocational Teacher Ed

MINNESOTA

State Allotment		Total Funds Obligated	
FY 1971	$330,403	FY 1971	$212,844
FY 1972	$167,391	FY 1972	$ 78,484

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$19,711	Anoka Technical Ed Center	An Individualized Approach to Training Licensed Practical Nurses
(2)	$20,362	Minnesota Area Voc-Tech Schools	Minnesota Statewide Vocational Testing Program: An Interim Proposal
(3)	$116,056	University of Minnesota	Area School Followup System: A Project of the Minnesota RCU
(4)	$6,916	Alexandria Area Voc-Tech School	Evaluating and Computerizing Local Annual Plans
(5)	$27,460	Educational Management Services, Inc.	Analysis of the Funding Process in Voc-Tech Ed
(6)	$3,000	Minneapolis Public Schools	Minneapolis WECEP Evaluation
(7)	$2,200	Homemaking Programs Minneapolis Public Schools and the University of Minnesota	Evaluation of Minnesota Secondary Consumer Homemaking Programs
(8)	$16,839	Suburban Hennepin County Area Voc-Tech Schools	Analysis of Local Plan Data

FY 1972

(1)	$3,552	Homemaking Programs Minneapolis Public Schools and the Univ of Minnesota	Evaluation of Minnesota Secondary Consumer Homemaking Programs

MINNESOTA (continued)

(2)	$37,273	University of Minnesota	Administration of Educational and Voc Guidance Test in Minnesota Schools
(3)	$19,659	Mankato State College	In-Service Training in the Methods and Materials of Individualizing Instruction in Distributive Education
(4)	$18,000	Canby Voc-Tech Institute	An Innovative Pilot Program for the Dental Assistant Curriculum

MISSISSIPPI

State Allotment		Total Funds Obligated	
FY 1971	$273,960	FY 1971	$240,631
FY 1972	$136,091	FY 1972	$101,091

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$22,223	Mississippi State University	A Core Curriculum for Agriculture on All Levels of Education
(2)	$7,503	University of Southern Mississippi	Development of a High School Curriculum for the Mentally Retarded
(3)	$4,545	Mississippi State College for Women	Developing a Housing Ed Curriculum for Tenants Who Move from Substandard Housing to Modern Rent Supplement or Public Housing Units
(4)	$14,520	University of Southern Mississippi	A Study of the Voc-Tech Training Needs in Mississippi by Junior College District
(5)	$4,545	University of Southern Mississippi	How Can Exploration Experiences and Other Devices be Used to Develop the Optimum Occupational Orientation Program for Mississippi
(6)	$5,500	University of Mississippi	Assisting Local Schools in Modifying their Business Ed Programs
(7)	$9,890	Copiah-Lincoln Junior College	Factors Relating to Voc-Tech Program Expansion and/or Change in the Copiah-Lincoln Junior College District
(8)	$30,546	University of Southern Mississippi	A Program for Early Detection and Attitudinal Reorientation of Potential School Dropouts

MISSISSIPPI (continued)

(9)	$123,470	Mississippi State Board for Voc-Tech Ed and Mississippi State University	Implementing a Career-Centered Curriculum in the Public Schools of Mississippi
(10)	$12,000	Mississippi State University	Factors Related to the Coordination and Effectiveness of Occupational Ed Programs
(11)	$5,889	Pontotoc Public Schools	Feasibility of Interagency Cooperation in Providing Welfare Recipients Employment Through Vocational Training

FY 1972

(1)	$30,000	Leflore County Schools	Career Ed in Leflore County Schools
(2)	$25,000	Greenwood Separate School	Greenwood Career Project
(3)	$11,418	University of Southern Mississippi	A Study to Identify the Influence of Factors other than the Attainment of Job Skills Affecting the Long Range Success of Voc-Tech Training Programs
(4)	$1,785	Mississippi Gulf Coast Junior College	Differential Training Needs of Area High School Students Relating to Voc Ed
(5)	$2,300	Researcher Clyde N. Guinn	A Study of the Utilization and Dissemination of Materials Produced by the Curriculum Coordinating Unit and Curriculum Research Unit as Perceived by the Secondary and Post Secondary Vocational Personnel in the Vocational Complexes of Mississippi
(6)	$3,127	Utica Junior College	A Study of the Manpower Needs of the Industries in the Area Served by Utica Junior College-A Projection of their needs for the next decade with implications for reformation within the Voc-Tech Curriculum at Utica Junior College

MISSISSIPPI (continued)

(7)	$12,430	Mississippi State University	Assessment of Vocational Teacher Ed in Mississippi
(8)	$1,500	North East Junior College	A Study of the Manpower Needs of the Industries in the Area Served by North East Junior College -- A Projection of Their Needs for the Next Decade with Implications for Reformations Within the Voc-Tech Curriculum at North East Junior College
(9)	$13,100	Mississippi State Board of Voc Ed and Mississippi State University	Implementing a Career-Centered Curriculum in the Public Schools of Mississippi
(10)	$413	Mississippi State Board of Voc Ed and Mississippi State University	Implementation of a Career-Centered Curriculum for Grades 1-12

MISSOURI

State Allotment		Total Funds Obligated	
FY 1971	$408,552	FY 1971	$350,195
FY 1972	$207,297	FY 1972	$ 74,297

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$696	Farmington Senior High School	Employer-School Cooperation in Placement of Voc Special Ed Pupils
(2)	$700	Blair Oaks High School	Setting up a Program in Voc Business Ed
(3)	$616	Northwest Missouri State College	A Study to Determine if There is Sufficient Need for a Two-Year Technical Program to Train a Computer Technician
(4)	$697	Riverview Gardens School District	Determination of Current and Projected Employment Needs in Electronic Data Processing Occupations in the Metropolitan St. Louis Area
(5)	$700	Shelby County R-IV School District	What Are the Attitudes of the Residents of the Shelby County R-IV School System Regarding the Place of Voc Ed in the School's Curriculum
(6)	$468	Cape Girardeau Public Schools	Community Survey of Occupations
(7)	$700	University of Missouri at Columbia	Voc Development of Children
(8)	$700	Missouri Southern College	Manpower Projections for the Four-County Area Which Forms the Junior College District of Missouri Southern College
(9)	$616	Northwest Missouri State College	A Study to Determine if There is Sufficient Need to Warrant the Establishment of a Two-Year Technical Program to Train Commercial Artists

MISSOURI (continued)

(10)	$700	University of Missouri at St. Louis	Personality Need Patterns for Use in Voc Ed
(11)	$700	Pattonville R-111 School District	Secondary Ed Preparation for Vocations, Careers, College
(12)	$32,000	State Fair Community College	A Demonstration Project of Job Placement, Program Promotion, and Development Services for Post-Secondary Agri-Business Career Programs in Missouri Community Colleges
(13)	$7,185	Southwest Missouri State College	Occupational Ed for High School Age Population in Southwest Missouri
(14)	$21,055	University of Missouri	Cost-Effectiveness Analysis of Post-Secondary Voc Tech Ed in Missouri Public Schools
(15)	$4,050	Northeast Missouri State College	Research for the Possibilities of a Mobile Vocational Program for Northeast Missouri Counties
(16)	$3,397	University of Missouri	Techniques and Equipment for Maximizing Vocational Instruction in Electricity in Secondary School Systems
(17)	$700	Fort Osage Public School District #2	Selection of Voc Students to Improve Probability of Success
(18)	$688	Reeds Spring School District	Identification at the Elementary Level of Potential Dropouts on the Assumption that there will be Sufficient numbers to Justify Inclusion of Additional Vocational Programs in our Curriculum
(19)	$696	St. Louis Junior College	Feasibility of One-Year (Post-Secondary) Drafting Program
(20)	$672	St. Louis Junior College	Case Studies of Utilization of Graduate Technicians in Industry
(21)	$376	St. Louis Junior College	Structural Presentation to Interest Students in Civil Engineering Technology

MISSOURI (continued)

(22)	$700	St. Louis Junior College	Challenge Tests for Instructional Units of First Semester Nursing Course in Associate Degree Curriculum
(23)	$700	Special School District	A Study of the Effectiveness of a Planned Occupational Information Program on the Formation of More Realistic Occupational Concepts by Junior High School Students
(24)	$700	The Junior College District of St. Louis St. Louis County	Sound/Slide Instruction for the Operation of the Conventional Lathe
(25)	$700	Forest Park Community College	Development of an Individualized Instruction Plan for Electric Circuits
(26)	$700	Forest Park Community College	Selection of Design of a Placement Examination for Entering Freshman Interested in Mechanical Engineering Technology or Pre-Engineering
(27)	$695	Forest Park Community College	Sound/Slide Individual Instruction in the Use of the Sliderule
(28)	$700	Morgan County R-2 High School	A Program of Studies and Services Conductive to the Retension of Vocationally Oriented Students
(29)	$445	Lexington R-V School District	Survey Needs for Adult Education Through the Vocational Agriculture Program in the Lexington School District
(30)	$10,050	Mineral Area College	Project Second Chance: A Study to Determine Comprehensive Adult Ed Needs in the Area Served by Mineral Area College, The Lead Belt Area Voc Tech School and the Proposed Arcudia Valley Voc Tech School
(31)	$11,375	St. Louis City Public Schools	Early Intervention in 9th Grade Student Career Development Crises
(32)	$18,000	University of Missouri at Columbia	Effects on Attitudes and Knowledge of Vocational Administrators to to Management Techniques

MISSOURI (continued)

(33)	$2,500	University of Missouri at Columbia	A Study of Missouri Farm Accidents--Causes, Costs, and Possible Prevention
(34)	$5,319	N.E. Missouri State College	Student Oriented Industrial Firm (A Feasibility Study)
(35)	$700	Drusy College in Cooperation with the Willard J. Graff Area Voc-Tech Center	Color Perception as a Correlate of Success in Voc Ed
(36)	$630	Linn Technical College	Environmental Technicians - A Feasibility Study in Need and Curriculum
(37)	$700	Pattonville R-3 School District	A Discriptive Study of Reading Skills of Specific Vocations in North St. Louis County
(38)	$700	East Central Junior College	Design of a New Post-Secondary Co-Curricular Organization for Voc-Tech Students
(39)	$700	University of Missouri-Columbia	Analysis of the Missouri State Voc Ed Aid Formula
(40)	$700	Penn Valley Community College	A Film/Tape Presentation on Allied Health Technologies to Assist the Career Decision Process
(41)	$700	Maple Woods Community	A Film/Tape Presentation on Electornic Technology
(42)	$700	Longview Community College	A Film/Tape Presentation on Traffic Engineering Technology
(43)	$700	North Platte R-1 Schools	Evaluation of Voc Guidance and Voc Ed at North Platte R-1
(44)	$700	Raytown C-2 School District	Survey of Area Vocational Needs
(45)	$700	Parkway School District	Career Opportunities in Parkway
(46)	$700	Columbia Public Schools	New Patterns in Voc Agriculture Education

MISSOURI (continued)

(47)	$620	S.W. Missouri State College	Identification of Innovative Techniques to be Used in Vocational Teacher Ed
(48)	$700	Central High School	A Survey of Vocational Opportunities in the Central School District
(49)	$18,600	East Central Junior College	Development and Application of a Proficiency Profile System for Placement of Voc-Tech Program Graduates
(50)	$7,995	S.W. Missouri State College	Industry-Education Cooperation in Providing Career Ed
(51)	$6,545	University of Missouri at Columbia	Development of a Model Local Application for Receiving Vocational Program Funding
(52)	$1,780	Consolidated District #2	The Feasibility and Planning of a Multiple Approach to Vocational Programing which will meet the Career Aspirations of Students in a Rural Secondary School Setting
(53)	$28,700	State Fair Community College	State Wide Post-Secondary Agricultural Chemical Curriculum Development Study
(54)	$13,778	Graduate Institute of Ed Washington University	Development of a Training Model Using Simulation Materials for Voc Counseling
(55)	$12,800	Penn Valley Community College	Curriculum Development for Electromechanical and Mechanical Technologies
(56)	$7,700	Lincoln University	Designing and Constructing an Original Visual Aid Device, and Conducting an Experimental Research Activity to Evaluate its Effectiveness as a Supplemental Aid in Teaching Psychomotor Skills
(57)	$14,260	State Fair Community College	Development of a 16 mm Film entitled "Dynamic Careers in Agri-Business" for Post-Secondary Agri-Business Graduates in Missouri

MISSOURI (continued)

(58)	$15,035	Montgomery County R-II Schools	Career Development Planning for Grades K-8
(59)	$12,000	Rolla Public Schools	Development of Sufficient Skills and Abilities of Disadvantaged Students to the Level of Being Able to Succeed in Regular Vocational Classes
(60)	$12,000	Pike R-II School District	A Model for the Development of a System for the Establishment and Initial Operation of an Area Vocational School
(61)	$537	University of Missouri--Columbia	Computer-Based Occupational Simulation
(62)	$700	Missouri Southern State College	An Analysis of Factors Which Influence Student Selection of Voc Tech Ed in Southwest Missouri
(63)	$675	Department of Practical Arts and Voc Tech Ed College of Ed University of Missouri	A Feasibility Study for Multi-Teacher Departments of Voc Ed in Agriculture
(64)	$2,044	State Fair Community College	A Project to Determine the Effectiveness and Adaptability to Individualized Instruction of the Apex Simulation Project
(65)	$33,000	Instructional Materials Lab.	Instructional Materials Development for Voc Ed
(66)	$12,000	Kansas City School District	Pre-Vocational Skills for the Educable Mentally Retarded Students (Commercial Food Services)
(67)	$5,000	University of Missouri	Evaluation of Guidance Activities in Selected Public Schools in and Around Kansas City
(68)	$4,000	Saint Louis University	Development of Auto-Instruction Materials for In-Service Training of Vocational Counselors
(69)	$700	Lincoln High School	Improvement of Vocational Counseling Service

MISSOURI (continued)

FY 1972

(1)	$35,428	State Fair Community College	A Proposal to Reproduce and Disseminate Individualized Business and Office Materials and to Provide Technical Assistance to Public Schools in Missouri
(2)	$1,157	State Fair Community College	A Project to Determine the Effectiveness and Adaptability of Individualized Instruction of the Apex Simulation Project
(3)	$16,000	St. Louis State School-Hospital	Establishing Voc Skills in Severely and Profoundly Retarded Individuals
(4)	$700	Pattonville R-3 School District	Read, Listen and Learn About Work
(5)	$326	University of Missouri - Columbia	Selected Personality Traits and Role Perceptions of Beginning Voc Ed Teachers in Missouri
(6)	$700	Department of Practical Arts and Voc-Tech Ed Home Economics Ed	Dress Pattern Alterations Related to Physical Needs of Older Women
(7)	$700	Department of Practical Arts and Voc-Tech Ed (Home Economics Ed)	Visuals that will aid in teaching the Metric System to the Homemaker
(8)	$700	Department of Practical Arts and Voc Tech Ed Home Economics Ed	Field Testing of Child Care Worker Parent Involvement Training Packages
(9)	$684	Florissant Valley Community College	Development of Career Level Course: Science Activities for Children
(10)	$700	School District of Marshall	Administrative Structure and Relationship between the Area Voc School, the Local School District, and Sending School District in Missouri

MISSOURI (continued)

(11)	$8,000	Missouri Western College	Assess the Educational Need of Currinetly Enrolled College Students and Area High School Juniors and Seniors with Academic Deficiencies as Measured by ACT in Relationship to the Existing Programs at Missouri Western College
(12)	$700	Three Rivers Community College	A Research Proposal to Survey the Service Area of Three Rivers Community College in Order to Determine the Present and Future Personnel Needs in the Field of Ornamental Horticulture
(13)	$700	State Fair Community College	Discovering Yourself and Careers
(14)	$13,192	Central Missouri State University	Parents: Key People to Assist in Occupational Decision Making
(15)	$15,120	Chillicothe R-II School	Career Awareness, Selection and Occupational Training in Agri-Business

MONTANA

State Allotment		Total Funds Obligated	
FY 1971	$71,736	FY 1971	$64,460
FY 1972	$36,439	FY 1972	$35,540

Projects Funded:

FY 1971

Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1) $29,550	Research, Planning, Development and Evaluation Component in State Office of the Superintendent of Public Instruction	Management Information System for Voc Tech Ed in Montana
(2) $22,910	Montana State University	Competencies in Agri-Business and Agri-Production
(3) $12,000	Montana State University	Agri-Production Manpower Report and Agri-Production Manpower Manual

FY 1972

(1) $35,540	Research, Planning, Development and Evaluation Component in State Office of the Superintendent of Public Instruction	Management Information System for Voc Tech Ed in Montana

NEBRASKA

State Allotment		Total Funds Obligated	
FY 1971	$129,463	FY 1971	$117,743
FY 1972	$ 65,299	FY 1972	$ 31,252

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$14,400	Nebraska Vocational Technical School at Milford	Assessment of Instructional Effectiveness of Nebraska Vocational Technical School Educational Offerings 1965-1969
(2)	$24,245	Educational Service Unit #6 at Milford	Develop a Series of Steps and Procedures for Assisting Local Ed Leaders Develop the Competencies Needed to Construct an Occupational Ed Curriculum
(3)	$13,000	Central Nebraska Technical College	Determine Voc Ed Needs Through an Analysis of Business and Industrial Enterprises Within the Twenty County Area Served by Central Nebraska Technical College
(4)	$28,000	Kearney State College	Minimum Levels of Technical Competency Standards for Industrial Ed Programs in Nebraska
(5)	$9,500	University of Nebraska	Development of Instructional Materials for the Intensified Office Laboratory
(6)	$6,100	University of Nebraska	Meanings of Critical Vocational Ed Concepts to Voc Leaders
(7)	$8,700	University of Nebraska	State-Wide Computerized Model for Determining Occupational Opportunities in Nebraska, 1972 Report
(8)	$10,518	University of Nebraska	State-Wide Computerized Model for Determining Occupational Opportunities in Nebraska 1973 Report

NEBRASKA (continued)

(8)	$3,280	Kearney State College	Education Programs in Nebraska Phase II

FY 1972

(1)	$11,669	Educational Service Unit #6 at Milford	Develop a Series of Steps and Procedures for Assisting Local Ed Leaders Develop the Competencies Needed to Construct an Occupational Ed Curriculum
(2)	$12,464	Kearney State College	Minimum Levels of Technical Competency Standards for Industrial Ed Programs in Nebraska
(3)	$1,380	University of Nebraska	Development of Instructional Materials for the Intensified Office Laboratory
(4)	$5,739	University of Nebraska	State-Wide Computerized Model for Determining Occupational Opportunities in Nebraska 1973 Report

NEVADA

State Allottment		Total Funds Obligated	
FY 1971	$30,776	FY 1971	$30,776
FY 1972	$15,850	FY 1972	$15,850

Projects Funded:

Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project

*Nevada's total allotment has been used in support of the RCU.

NEW HAMPSHIRE

State Allotment		Total Funds Obligated	
FY 1971	$61,532	FY 1971	$53,916
FY 1972	$31,243	FY 1972	$ 9,737

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$5,998	Regional Center for Ed Training	Project Follow-Up
(2)	$19,989	Manchester School Department	Manchester, N.H., Regional Voc Ed Planning Project
(3)	$5,506	New Hampshire Voc Tech College	The Development of a Curriculum Model for Voc Ed
(4)	$22,423	RCU	Development of an Information Network for Occupational Ed

FY 1972

(1)	$9,737	New Hampshire Voc Tech College	The Development of a Curriculum Model for Voc Ed

NEW JERSEY

State Allotment		Total Funds Obligated	
FY 1971	$496,621	FY 1971	$139,354
FY 1972	$254,114	FY 1972	$132,269

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$74,942	Linden County, Sommerset County, Edison County, and Lower Camden County School District	Implementing the EPPBS in Four Area Vocational-Technical and Comprehensive High Schools
(2)	$5,000	Wayne Township School District	Voc Planning and Program Implementation
(3)	$53,412	Edison Township School District	Occupational Research and Development Resource Center
(4)	$6,000	Glassboro State College	Teacher Evaluation Study

FY 1972

(1)	$164,198	Linden Coutny, Sommerset County, Edison County, and Lower Camden County School District	Implementing the EPPBS in Four Area Vocational-Technical and Comprehensive High Schools
(2)	$97,021	Edison Township School District	Occupational Research and Development Resource Center
(3)	$12,382	Rutgers University	New Jersey Manpower Needs in Areas Related to Natural Resources and/or Agriculture and Implications for Educational Program Development
(4)	$2,428	Mercer County Community College	Preparation of the Health Occupational Teacher to Select Appropriate Clinical Learning Experience

NEW JERSEY (continued)

(5)	$2,447	Department of Voc-Tech Ed, Rutgers Univ.	In-service Mini-Research Seminars for Leaders in Voc Ed in New Jersey
(6)	$25,532	Urban Associates, Inc.	A Feasibility Study for an Experimental COPE Program in a Community in New Jersey
(7)	$1,475	Part C Research and Training in Voc Ed	Research and Evaluation of Career Ed Assessment Materials for Grades 7-9 Concerning Attitudes and Behavior Changes
(8)	$1,451	Glassboro State College	Research and Evaluation of Career Ed Assessment Materials for Grades 10-11-12 Concerning Attitudes on Behavior Change
(9)	$21,283	Peter Sommartino College of Ed Fairleigh Dickinson University	Joint Research Study of Apprenticeship Training
(10)	$595	Cherry Hill School District	Implementation and Evaluation of a Formalized Recruitment Program for Distributive Education
(11)	$1,000	Newark School District	Feasibility Study - World of Finance
(12)	$4,822	Glassboro State College	Career Ed Planning Grant
(13)	$7,620	Southern Gloucesper Reg School District	Vending Machine Repair
(14)	$3,044	Rutgers Univ.	Career Ed Assessment
(15)	$1,897	Ocean County	State Research Conference
(16)	$14,993	Woodbridge Township School District	Technology for Children Center
(17)	$31,300	Carter High School	State One and Five Year Planning

NEW MEXICO

State Allotment		Total Funds Obligates	
FY 1971	$113,217	FY 1971	$ 52,391
FY 1972	$ 57,852	FY 1972	$ 57,852

Projects Funded:

FY 1971

	Funds Obligated (Section 131 (b) Part C)	Grantee or Contractor	Title of Project
(1)	$ 750	New Mexico State University	Simulation as a Feedback Mechanism in Training Engineering Draftsmen
(2)	$ 1,000	New Mexico State University	Updating Occupational Needs Study for Vocational and Technical Education in Dona Ana County
(3)	$ 1,000	New Mexico State University	A Study of the Vocational Education of Handicapped Persons in Horticulture
(4)	$11,950	Local Institutions	32 Mini-Grants
(5)	$ 200	Valley High School	Followup Survey of the 1970 Graduates of Valley High School
(6)	$15,000	New Mexico Research Coordinating Unit	The Revision and Updating of a Master Plan for the Development of Vocational-Technical Education in New Mexico
(7)	$22,491	University of New Mexico	A State System for the Gathering of Statistical Data and Evaluation Information Pertaining to Vocational-Technical and Adult Education

FY 1972

(1)	$57,852	Taos Municipal Schools	TAOSCORE

NEW YORK

State Allotment		Total Funds Obligated	
FY 1971	$1,204,961	FY 1971	$644,617
FY 1972	$ 591,380	FY 1972	$285,749

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$33,730	Nassau Community College	A Study of a Cooperative Educational Program Involving Nassau Community College, the Nassau County Drug Abuse and Addiction Commission, and the Division of Vocational Rehabilitation
(2)	$57,750	New York City [illegible]rd of Ed and [illegible]ty Univ of New York	Four-Year Continuum Cooperative Ed Program
(3)	$51,300	City University of N.Y., Division of Teacher Ed	Occupational Ed Leadership Training Program
(4)	$16,000	North Country Community College	Mental Health Worker
(5)	$2,854	State University College at Oswego	Development of a Curriculum for Preparing Teacher Assistance
(6)	$2,988	Albany Board of Cooperative Ed Services	A Study of Parental Attitudes Toward Their Children's Participation in Voc Ed Programs
(7)	$1,500	State University College at Buffalo	Cooperative Occupational Ed vs. the Preparatory Voc-Tech School
(8)	$3,000	Syracuse City School District	Development of Interdisciplinary Occupational Curriculum for Occupational Learning Center Program
(9)	$2,993	Broome-Delaware Tioga BOCES	Survey of Job Entry Requirements for Occupational Students
(10)	$3,000	Beacon City School District	Technology for Children Program (A Technique to Provide Occupational Awareness for Elementary Children)

NEW YORK (continued)

(11)	$3,052	Steuben County Board of Cooperative Ed Services	Job Placement for Occupational School Graduates Through Trade Union Apprenticeship Programs
(12)	$2,925	Monroe Community College	Study of Supply and Demand of Environmental Manpower in Monroe County-Phase I
(13)	$3,100	Erie County Board of Cooperative Ed Services	Manpower Study in the Field of Agriculture Ed for Eric County
(14)	$3,000	Chenango County Board of Cooperative Ed Services	To Develop Occupational Units/ Kits Designed to Increase Motivation and Skills in the Mathematics Field
(15)	$2,950	Onondaga Community College	Study of Cost Per Graduate and Returns on Educational Investment in Technology in a Two-Year College
(16)	$2,797	Alleghany County Board of Cooperative Ed Services	Development of a Model for an Occupational-Guidance Program for Elementary School Slow Learners
(17)	$109	New York State College of Human Ecology	A Followup Study of the Students Who Have Successfully Completed the Child Care Service Program in New York State for the School Years 1965-66 through 1969-70
(18)	$2,646	Alleghany County Board of Cooperative Ed Services	Development of a Model for an Occupational-Guidance Program for Junior High School Slow Learners
(19)	$1,945	Keshequa Central School District	Effectiveness of BOCES Vocational Programs in a Rural Community and in Implications for Secondary Teachers of Future BOCES Students
(20)	$2,931	Osewego State University	Occupational Ed Manpower Teacher Needs Within 48 N.Y. Counties
(21)	$2,945	Putnam-Westchester BOCES	Development of Saftey Awareness Film Loops for Occupational Ed Students

NEW YORK (continued)

(22)	$149,985	Cornell University	Support of Developing a Research and Development Center
(23)	$85,890	La Guardia Community College	Continuing Cooperative Ed Project (Concept II)
(24)	$8,287	City University of New York	Development of a Certification Model(s) Through the Use of Locally Developed Performance Objectives
(25)	$15,000	City University of New York	Research-Review the Structure and Content of Present Occupational Programs at Early Secondary Level and Recommend Changes for Improvement
(26)	$1,940	Oneida, Madison, Herkimer Counties	Computerization of Followup Form for Graduates from an Area Occupational Center
(27)	$30,000	Cornell University	Health Operations Ed Research Project (Competency Study)
(28)	$150,000	City University of New York	Research (Institute for Occupational Research and Development)

FY 1972

(1)	$2,500	Agricultural and Technical College	A Comparative Analysis of the Impact of High School and Junior College Preparation on the Vocational Success of Secretarial Graduates with Implications for Career Guidance and Curriculum Revision
(2)	$2,825	Franklinville Central School	Mini-Grant Proposal for the Development of a Demonstration Program for Occupationally Based Language Arts and Social Science Instruction
(3)	$2,914	Herkimer County Board of Cooperative Ed Services	Development of a Curriculum for Activities Assistant for Use in a BOCES Program, MB-#266

NEW YORK (continued)

(4)	$3,000	Enlarged City School District of the City of Jamestown, N.Y.	Study of Various Strategies to Provide Practical Nursing Graduates Entry into the Second Year of a 2-Year Associate Degree Program
(5)	$3,000	Onondaga Community College	Planning of Occupational Ed for the Changing Needs of a Community
(6)	$3,000	Central School District #1 Manlius	Development of an Occupational Orientation "Package" for Pupils, Professional Staff and Parents at Grades 7, 8, and 9
(7)	$2,796	State University College at Buffalo	Research/Teaching Occupational Subjects to the Urban Socio-Economic Disadvantaged: An Investigation Necessary for the Development of Programatic Techniques
(8)	$3,000	Department of Ed N.Y. State College of Agriculture & Life Science	Development of an Auto-Tutorial Development Reading Program for the Occupational Area of Business Technology
(9)	$3,000	Board of Cooperative Ed Services	Cooperative Development of Relevant Academic Curriculums for High School Voc Students
(10)	$3,000	Board of Cooperative Ed Services of Chautaugua County	Survey of Employment Opportunities and Changing Labor Needs for the Educable Mentally Retarded in Chautaugua County
(11)	$3,000	Syracuse City School District	Development of Inter-Disciplinary Occupational Curriculum for Occupational Learning Center
(12)	$2,550	Dryden Central School	Development of a Student Centered Voc Guidance Program for Eleventh & Twelfth Grades in Tompkins-Cortland Counties
(13)	$3,100	City School District of Brooklyn	Development of Materials to Effectively Present a Computer Assisted Programming of Numerically Controled Machine Tools to Voc High School Students

NEW YORK (continued)

(14)	$3,000	U.F.S.D. #7	Special Orientation and Counseling for Prospective Students in BOCES Voc Schools
(15)	$1,000	Board of Cooperative Ed Services	Development of a Pilot Supervisory Program for Improving Instruction by Basing Teaching Strategy on Statements of Behavioral Objectives
(16)	$2,500	Jamestown Community College	Telephone Lecture Network Classroom Programs and Participation for Nursing Department Students and Staff
(17)	$3,000	BOCES of First Supervisory District	Improvement of Motivational Success Consciousness on the Part of Occupational Students Through the Use of Commercially Prepared Instructional Package, ZZOOMM
(18)	$2,900	Jamestown Community College	An Advisory Symposium to Recommend Uses of Marty telescope and Observatory and Occupational Careers Related to it
(19)	$3,000	Area Occupational Center, Verona	Development of an Instructional Resource Counseling Package for Junior High School Students (mini-grant)
(20)	$20,000	City University of New York	Survey of Job Activities of Entry Level Bookkeepers
(21)	$19,400	City University of New York	A Study to Determine the Articulation Between a Representative Community College and its Leading Feeder High Schools in the Big Six Cities
(22)	$19,768	City University of New York	Evaluate Selected Two-Year College Certificate and Diploma Programs
(23)	$45,000	Syracuse University Research Corporation	Post-Secondary Occupational Ed Program, Evaluation, Recruitment, and Instructional Mediation
(24)	$118,500	University of Massachusetts	E.S.C.O.E. - Evaluation Service Center for Occupational Ed
(25)	$6,996	Institute for Ed Development	Competency Study of E.S.C.O.E. and other N.Y.S.E.D, Information Systems

NEW YORK (continued)

(26)	$3,000	Settlement Houses Employment Development, Inc.	Occupational Curriculum Units (for legal secretaries)

NORTH CAROLINA

FY 1971	$592,377
FY 1972	$205,808

Total Funds Obligated	
FY 1971	$518,615
FY 1972	$205,808

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$24,210	State Department of Public Instruction	The Identification of Competencies and Performance Standards Associated with Women's Occupations in the Textile and Furniture Ind.
(2)	$183,535	State Department of Public Instruction	The Development and Implementation of an Individually Scheduled Cluster Curriculum in Occupational Education
(3)	$52,899	State Department of Public Instruction	The Development and Demonstration of Expanded Occupational Ed Experiences for Youth in Small Rural Schools
(4)	$8,250	Occupational Research Unit	A Career Progression Study of Occupational Ed Graduates
(5)	$36,262	State Department of Public Instruction	Preparation of High School Seniors as Teacher Aides
(6)	$12,075	Occupational Research Unit	An Analysis of Factors Associated with Varying Dropout Rates
(7)	$8,988	State Department of Public Instruction	Projecting Manpower Needs for Occupational Ed Program Graduates (Design and Develop an Occupational Ed Program Reporting and Planning System)
(8)	$11,579	Learning Institute of North Carolina	Evaluation of Carolina Boys Camp
(9)	$36,300	State Board of Ed Department of Community Colleges	Establishment of an Information Center at Forsyth Technical Institute to Design a System for Collecting and Processing Manpower Information at the Local Level

NORTH CAROLINA (continued)

(10)	$18,765	Davidson County Community College	Development of a System to Measure Effectiveness of Occupational Programs
(11)	$20,430	Lenoir Community College	Computer Services Systems Development to Coordinate Manpower Needs with Occupational Training Programs
(12)	$1,530	Richmond Technical Institute	Research and Development of the Veitch Diagram Demonstrator for Use in Teaching Boolean Algebra
(13)	$30,150	Beaufort County Tech Institute	Restructured Registration and Instructional Options
(14)	$10,980	Guilford Technical Institute	Development of a Research Instrument which Can Assess the Occupational Status of Former Occupational Enrollees of N. C. Community Colleges and Tech Institutes
(15)	$3,375	Richmond Tech Institute	Drafting Instruction by Audio-Visual Means
(16)	$13,320	Wayne Community College	Predictive Models for Success in Occupational Education
(17)	$3,915	Sandhills Community College	Occupational Ed Salvage: The Identification, Location, and Personal Guidance of Disadvantaged Students in Moore and Hoke Counties into Meaningful Careers
(18)	$12,735	Pitt Technical Institute	Summer Institute for High School Students: A Research Project in Pre-Vocational Education
(19)	$11,880	Pamlico Technical Institute	Improvement of Articulation Between Pamlico County Public School System and Pamlico Tech Institute
(20)	$13,905	Southeastern Community College	A Developmental Research Plan for Occupational Ed Programs-Attitude Assessment
(21)	$3,532	Halifax County Technical Institute	The Design and Development of an Occupational Training Center for Disadvantaged and Handicapped

NORTH CAROLINA (continued)

FY 1972

(1)	$43,276	State Department of Public Instruction	The Development and Demonstration of Expanded Occupational Ed Experiences for Youth in Small Rural Schools
(2)	$52,468	State Department of Public Instruction	Preparation of High School Seniors as Teacher Aides
(3)	$30,000	State Board of Education Department of Community Colleges	Establishment of an Information Center at Forsyth Tech Institute to Design a System for Collecting and Processing Manpower and Information at the Local Level
(4)	$23,468	Halifax County Tech Institute	The Design and Development of an Occupational Training Center for Disadvantaged and Handicapped
(5)	$22,500	North Carolina State University	The Dissemination of Occupational Ed Research Information Through the Support and the Development of a Community College Journal
(6)	$5,596	Wake County School System	Career Ed Project for School Personnel
(7)	$6,000	Bureau of Census	Special Tabulation of 1970 Twenty Percent Data Showing Intermediate Occupations by Intermediate Industry Groups for the 100 Counties of North Carolina
(8)	$22,500	University of North Carolina	Preparation of Occupational Ed Model for the Primary Grades

NORTH DAKOTA

State Allotment	
FY 1971	$70,179
FY 1972	$35,229

Total Funds Obligated	
FY 1971	$63,079
FY 1972	$26,629

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$1,500	University of North Dakota	School Finance and Distribution Project
(2)	$5,800	North Dakota State School of Science	Development of New Voc Ed Curricula for New Careers and Occupations in N. D. in the Field of Environmental Science Technology
(3)	$7,900	University of North Dakota	A Proposal for the Development of an Evaluation Instrument and Procedures for Its Implementation
(4)	$464	Dickinson School District	Why are Rural Areas Schools Reluctant to Take Advantage of Services Offered by Area Voc High Schools?
(5)	$12,450	Dickinson School District	Development of New Voc Health Curriculum through Ladder, Lattice Concepts
(6)	$18,488	Fargo Public School District	A Proposal for Skill and Objective Identification in Voc Ed which will Enhance Educational Accountability through a Planned-Program-Budgeting-Evaluation System (PPBES)
(7)	$6,000	North Dakota State University	A Research and Development for Farm Management Ed Record Analysis System Research and Development
(8)	$6,221	North Dakota State University	Identification of Common Content in Courses Offered by Various Voc Services at the Secondary Level
(9)	$4,256	North Dakota State School of Science	Development of Statewide Auto Mechanics Curriculum Secondary and Postsecondary Level

NORTH DAKOTA (continued)

FY 1972

(1)	$26,629	Fargo Public School District	A Proposal for Skill and Objective Identification in Voc Ed which Will Enchance Educational Accountability through a Planned-Program-Budgeting-Evaluation System (PPBES)

OHIO

State Allotment		Total Funds Obligated	
FY 1971	$901,214	FY 1971	$795,504
FY 1972	$459,697	FY 1972	$314,127

Projects Funded:

FY 1971

Funds Obligated (Section 131(b) Part C)		Grantee or Contractor	Title of Project
(1)	$200,887	8 Local School Districts: Akron, Cincinnati, Dayton, Meigs, Parma, South-Western, Toledo, and Warren Public Schools	Career Orientation
(2)	$127,451	5 Local School Districts: Akron, Cincinnati, Dayton, Cleveland, and Toledo Public Schools	Career Exploration
(3)	$7,072	New Philadelphia City Schools	Project 71
(4)	$15,243	Wayne County Joint Voc School	Developing Necessary Reading Skills of Voc Youth
(5)	$30,440	EHOVE Joint Voc School	Creating Voc Teaching Methods Based on Student Motivational Forces
(6)	$34,909	Ohio State University	Development and Dissemination of Courses of Study and Instructional Materials for Environmental Science and Protection Programs
(7)	$14,483	Miami University	A Research Study in the Development of Effective Means of Altering the Attitudes of Elementary School Teachers Towards Voc Ed
(8)	$3,821	Fairfield Local School Distirct	Community Voc Resources Workshop
(9)	$62,716	Ohio Division of Correction	Evaluative Planning Research Project in Voc Ed for Ohio Division of Correction Institutions

OHIO (continued)

(10)	$9,215	Youngstown State University	Participation in Continuing Voc Ed Programs by Young Adults
(11)	$29,563	University of Cincinnati	The Impact of a Career Orientation Program Upon Junior High School Students in Cincinnati
(12)	$32,738	University of Akron	A Proposal for the Evaluation of Career Exploration Programs
(13)	$30,483	Ohio State University	Evaluation and Validation Instruments to Facilitate Program Review for Improvement, Development and Expansion of Voc Ed
(14)	$14,992	Ohio University	The Role of Voc Ed in Improving Skills and Earnings Capacity in the State of Ohio: A Cost-Benefit Study
(15)	$10,469	Bowling Green State University	The Preparation of Personnel to Teach Technology and Attitudes Toward the World of Work to Disadvantaged Elementary Children
(16)	$2,561	21 Local School Districts: Barberton, Cuyahoga Falls, Dayton, Eastwood, Findlay, Greene, Heath, Lake County Little Miami, Mad River, Made River Green, Massillon, Mentor, Newark, Noble, Salem, South-Western, Stow, Washington, Willoughby-Eastlake, Woodmore	Pilot Study in Long Range Product Review of Secondary Voc Ed Graduates
(17)	$5,384	18 Local School Districts: Cuyahoga Falls, Eastland, Eastwood, Ehove, Findlay, Four County, Franklin, Greene, Knox, Mad River, Mad River-Green, Mentor, Noble, Penta, South-Western, Tri County, Willoughby-Eastlake, Woodmore	Pilot Study of Secondary Voc Ed Program Costs

OHIO (continued)

(18)	$23,834	Toledo City School District	Career Ed Program (K-10)
(19)	$28,608	Parma City School District	Career Ed (K-10)
(20)	$42,024	Dayton School District	Career Ed Program (K-10)
(21)	$28,066	Cincinnati School District	Demonstration Project in Career and Voc Ed in Grades K-12
(22)	$40,546	Akron Public Schools	A Comprehensive Career Development Program (K-10)

FY 1972

(1)	$2,732	Miami University	A Research Study in the Development of Effective Means of Altering the Attitudes of Elementary School Teachers Towards Voc Ed
(2)	$7,868	18 Local School Districts: Cuyahoga Falls, Eastland, Eastwood, Ehove, Findlay, Four County, Franklin, Greene, Knox, Mad River, Mad River-Greene, Mentor, Noble, Penta, South-Western, Tri County, Willoughby-Eastlake, Woodmore	Pilot Study of Secondary Voc Ed Program Costs
(3)	$15,000	Distributive Ed Services of Ohio	Interstate Distributive Ed Curriculum Consortium
(4)	$1,130	Penta County Joint Voc High School District	Feasibility Study for Career Academy
(5)	$63,583	Board of Ed - City School District - City of Toledo	Career Ed Program (K-10)
(6)	$8,490	Ohio FFA Muskingun, Inc.	Vocational Youth Leadership Conference

OHIO (continued)

(7)	$56,392	Parma City School District	Career Ed (K-10)
(8)	$33,600	Cleveland Public Schools	Career Motivation and Exploration
(9)	$16,968	Dayton School District	Career Ed Program (K-10)
(10)	$18,284	School District City of Cincinnati	Demonstration Project in Career and Voc Ed Grades K-12
(11)	$13,198	Minford Public Schools	World of Work
(12)	$2,005	South-Western City School District	A Career Continum for Grade K-10
(13)	$14,472	Cleveland Public Schools	Great Lakes Maritime Trades Program
(14)	$71,050	Warren City Schools	K-10 Career Education Programs

OKLAHOMA

State Allotment	
FY 1971	$263,991
FY 1972	$132,525

Total Funds Obligated	
FY 1971	$168,765
FY 1972	$132,525*

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$10,204	Oklahoma State University	A Comparative Study of Federally Reimbursed with Non-Federally Reimbursed Business Ed Programs in Oklahoma
(2)	$690	Oklahoma State University	Levels of Sound and Their Relationship to Audio Communications in Selected Agricultural Mechanics Facilities and Instructional Programs
(3)	$14,207	Oklahoma State Dept of Voc-Tech Ed	Mini-Grants, 1970-1971--Teachers With Ideas in Action
(4)	$605	C. E. Donart Senior High School	Innovations in Reporting and Evaluating Home Projects
(5)	$13,371	Tulsa Junior College	Preparation of Instructional Material for a Two Semester Sequence of Technical Matematics in an Engineering Tech Curriculum
(6)	$14,501	Oklahoma State University	Development and Testing of Modern Electronic Devices Lecture and Laboratory Modules
(7)	$685	Oklahoma State University	Career Orientation for Elementary Grades K-6
(8)	$14,500	Northern Oklahoma College	Increasing Student-Teacher Ratio in a Core Health Occupation Curriculum
(9)	$21,937	Northern Oklahoma College	The Development of Norms and Guidelines for Guidance and Placement Criteria for Prospective Occupational-Technical Students
(10)	$17,529	Kiamichi Area Voc-Tech School	Developing a Model for the Use of a Research Utilization Specialist for an Area Voc-Tech School

OKLAHOMA (continued)

(11)	$8,650	Oklahoma State University	A Professional Internship in Vocational Agriculture Occupational Training
(12)	$16,606	Central Oklahoma Area Voc-Tech School District #3	Developing a Model Research Center for a Local or Area Voc-Tech Institution
(13)	$3,375	Guidance, Counseling, and Testing Section State Dept of Ed	A Model Guidance Program to Elicit Quantifiable Results
(14)	$2,443	State Dept of Voc-Tech Ed	Developmental Child Care: A Child Development Program for Children and Their Mothers
(15)	$7,750	College High School	Slide Series for Distributive Ed II and Distributive Ed III Courses of Study
(16)	$2,790	Oklahoma Council of Industrial Arts Teachers Educators	Proposal for the Study of the Industrial Arts Teacher Ed Program in Oklahoma Colleges and Universities
(17)	$7,056	Tulsa Independent School District #1	A Follow-up Study of Tulsa Public School Graduates
(18)	$360	Agricultural Ed Department Oklahoma State University	A Comparison of Selected Factors Which are Associated with the Initiation and Operational Procedures of a Course in Specialized Agricultural Mechanics
(19)	$17,328	Oklahoma State University	Construction and Evaluation of a Career Development Program in Agricultural Occupations for Advantaged and Less-Advantaged Rural Youth
(20)	$7,506	Sand Springs Independent School District	Career Orientation for the Elementary Schools of Oklahoma

FY 1972

* Oklahoma committed its entire allotment for fiscal year 1972 to the operation of its Research Coordinating Unit.

OREGON

State Allotment
FY 1971 $182,462
FY 1972 $ 94,491

Total Funds Obligated
FY 1971 $127,712
FY 1972 $ 48,112

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$46,138	Tigard Elementary and Secondary Schools	A Model for Curriculum Development in Career Awareness and Exploration
(2)	$8,590	Springfield Elementary and Secondary Schools	Elementary Careers Oriented Relevant Education
(3)	$5,200	Pleasant High School District	Increasing the Voc Awareness of Elementary School Children
(4)	$13,600	Portland Public Schools-Area II	Exploratory Program in Career Ed in Whitamaker Middle School - Phase I
(5)	$12,250	Hood River Valley High School	Inter-disciplinary Articulation
(6)	$2,500	Portland Public Schools	Design of an In-service Program for Counselors in the Portland Public Schools Upon Personal Needs for Effective Career Counseling
(7)	$2,050	Paisley Public School District	Operation Bootstrap
(8)	$9,450	Oregon Community College Association and Portland Community College	Performance Placement Articulation
(9)	$6,380	Portland Community College	Saturday Supplement - Vocational Awareness Program
(10)	$1,500	Lane Community College	Planning, Development and Launching of Satellite Community College Programs

OREGON (continued)

(11)	$20,054	Division of Voc, Adult and Community College Education	Career Ed: An Integral Part of Teacher Education

FY 1972

(1)	$12,000	Tigard Elementary and Secondary Schools	A Model for Curriculum Development in Career Awareness and Exploration
(2)	$4,000	Springfield Elementary and Secondary Schools	Elementary Careers Oriented Relevant Education
(3)	$3,805	Pleasant High School District	Increasing the Voc Awareness of Elementary School Children
(4)	$4,500	Portland Public Schools-Area II	Exploratory Program in Career Ed in Whitamaker Middle School Phase I
(5)	$500	Paisley Public School District	Operation Bootstrap
(6)	$1,500	Portland Community College	Saturday Supplement Vocational Awareness Program
(7)	$7,500	Division of Voc, Adult and Community College Education	Career Ed: An Integral Part of Teacher Education
(8)	$1,800	University of Oregon	Career Exploration Pilot Study
(9)	$947	Coos County IED	Career Ed Week
(10)	$1,964	Pleasant Hill Jr High School	Junior High Exploratory Programs Assessment Project
(11)	$1,425	Coos County IED	Interdisciplinary Careers Curriculum
(12)	$1,500	Bethel School District	Development of Evaluation Instrument to Determine Effectiveness on World of Work Program
(13)	$2,280	Stayton Union High School	Interdisciplinary Units in Career Education
(14)	$2,300	Tigard Schools and Pleasant Hill Schs	Planning Grants

OREGON (continued)

(15)	$2,091	Springfield Schools Labanon Schools	Special Research Projects

PENNSYLVANIA

State Allotment		Total Funds Obligated	
FY 1971	$992,847	FY 1971	$923,316
FY 1972	$498,124	FY 1972	$298,766

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$25,102	Pennsylvania Health Council Inc.	Practical Nursing Licensing Exam Achievement Relationship to Work Performance and Retention
(2)	$29,157	Gammon College	Project GIVE: Guidance in Voc Ed - Elementary
(3)	$685	Indiana Univ of Pennsylvania	The Status of Future Business Leaders of America Chapter Activities in the State of Pennsylvania 1967-70
(4)	$975	Bloomberg State College	An Educational Application of Queuing Theory
(5)	$4,906	Central Chester County Voc-Tech School	Development and Preparation of Chemical Technology Course Manual Vol. I
(6)	$92,466	Temple Univ. Distributive Ed Department	Cooperative Program for Disadvantaged Youths
(7)	$490	Pittsburgh School District, OVT Div	Slides as A Visual Supplement to the Carpentry Curriculum
(8)	$1,000	Temple University	An Assessment of the Adequacy of Voc-Tech and Industrial Ed Programs in Secondary Schools of Pa in Meeting Dropout-Prone Students' Needs
(9)	$39,850	Bucks County Intermediate Unit	Supervised Independent Study Program
(10)	$385	Pittsburgh School District - OVT Division	A Study to Determine the Effectiveness of the Laboratory Technician Program in Placing Students in This or Any Related Paraprofessional Health Field

PENNSYLVANIA (continued)

(11)	$29,700	Pennsylvania State Univ., Dept of Agricultural Ed	Education in Agriculture for the Educationally Disadvantaged
(12)	$50,000	Pennsylvania State University	A Longitudinal Study of Vocational Development and Program Evaluation: Implications for Curriculum Planning and Vocational Guidance
(13)	$8,372	Chestnut Ridge School District	An Exemplary Program to Learn the Effective Use of Closed-Circuit Video-Tape in the Voc Agriculture Classroom at Chestnut Ridge High School
(14)	$18,948	Neshaminy School District	Exemplary English/Language Arts Curriculum Development Program for Voc-Tech Ed Students
(15)	$4,000	The Williamson School	Systems Laboratory Research Program
(16)	$16,617	Pennridge School District	Open Space Concept in Business Education
(17)	$24,986	Pittsburgh City Schools	Revision and Development of Skill Area Teacher Competency Test Material
(18)	$50,000	School District of Philadelphia	A Study of the Voc and Tech Ed Program Curriculum Structure in the Philadelphia Public Schools
(19)	$55,160	Admiral Perry Area Voc-Tech School	A Modular Scheduling Program for Voc-Tech Schools: A Demonstration Model
(20)	$43,750	Meadville Area School District	Unifying and Individualizing Voc Ed (Developmental Phase)
(21)	$18,236	Altoona Area Voc-Tech School	Instrumentation and Industrial Technology
(22)	$13,622	Pennsylvania State University	Supply/Demand Model for Voc Ed Planners

PENNSYLVANIA (continued)

(23)	$9,210	West Chester State College	An Experimental Program to Provide In-Home Voc Training in Preschool and Day Care Work for Unskilled Disadvantaged Mothers and Child-Caring Adults
(24)	$55,400	Pennsylvania Health Research Institute, Inc.	Preplanning Project: Health Services Core Curriculum
(25)	$1,450	Temple University	Simulated Office Evaluation
(26)	$8,960	Pennsylvania State University	Determination of the Basic Mathematics Skill Needs for Mathematics Remediation for Secondary Voc Ed Students
(27)	$1,000	Pennsylvania State University	An Administrative-Counselor Plan to Assess the Voc Development of Rural Disadvantaged 8th and 12th Grade Students in Relation to Voc-Tech Ed
(28)	$4,075	Penn Business Education Association	Extension of Project #40001 to Review Shorthand Attrition Problems
(29)	$430	Fayette County Area Voc-Tech School	A Comparison of Students' Reading Abilities, the Readability of Textbooks and Students Attitudes Toward Textbooks in Seven Areas of Voc Ed in a W. Penn. Area Voc-Tech School
(30)	$912	Mansfield State College	Changes in Student Teachers Classroom Verbal Behavior as a Result of Pupil Feedback
(31)	$1,000	Pittsburgh School District, OVT Division	The Design and Rationale of a Simulation Experience for Middle School Students in an Exploratory Career Orientation Curriculum
(32)	$34,139	Pennsylvania State University	Development of a Validated Instructional System for Hospitality Education
(33)	$10,718	Becks Voc-Tech School Joint Operating Committees	Developmental Research to Determine Employment Opportunities and Occupational Competencies Needed in Off-Farm Agricultural Occupations in Becks County

PENNSYLVANIA (continued)

(34)	$31,461	Pennsylvania State University	The Development of Selection Models for Penn Area Voc-Tech Schools: Phase I--The Uses of Available Data
(35)	$27,910	Lancaster AVTS	School-Based Job Placement Service Model Phase I--Planning
(36)	$16,500	Admiral Peary Area Voc-Tech School	A Lab and Curriculum Design for the Newly Emerging Technology of Pollution--Corrosion Measurement and Control
(37)	$1,810	Pennsylvania State University	Troubleshooting Instruction in Voc-Tech Ed Via Dynamic Similation
(38)	$32,095	Temple University	The Development of Occupational Information Materials for Spanish-Speaking Children
(39)	$16,050	Central Columbia S. D.	Development of Modular Courses in Vocational Curriculum
(40)	$6,820	Johnsonberg Area School	Forest Industries the Production, Harrvesting, Processing and Marketing of the Woodland Crop and the Manufacture of Paper from the Crop
(41)	$500	Lenape Area Voc-Tech School	A Functional Approach to the Study of English for the Auto Shop Student
(42)	$500	Pittsburgh School District OVT Division	Video Tapes as a Classroom Aid in Teaching Child Development
(43)	$425	Pittsburgh School District OVT Division	Investigation of Voc Opportunities in the Printing Industry
(44)	$3,300	Hazelon Area School District	Orientation and Implementation of Basic Skills Affiliated with Trade and Industrial Career
(45)	$34,400	American Management Center, Inc.	As Assessment of the Impact of Voc Ed Research and Related Projects on Educational Practice in Penn. Since 1966

PENNSYLVANIA (continued)

(46)	$12,400	Lancaster County Voc-Tech School	Developmental Workshop for Career Ed on a K-12 Basis in Lancaster
(47)	$460	Riverside School District	A Survey to Determine Job Opportunities and Requirements for Beginning Key Punch Operators
(48)	$4,276	Delaware County Area Voc-Tech School, Marple	Remedial Mathematics for Vocational Students
(49)	$10,290	School District of Philadelphia	Installation and Testing of a Voc Evaluation System
(50)	$61,992	Harrisburg School District	Project 70,001 (Cooperative Distributive Ed for Disadvantaged Youth)
(51)	$1,000	Temple University	A Study of the Commonalities in Voc Ed Courses in State Supported Universities in Pennsylvania
(52)	$8,082	Delaware County Intermediate Unit #25	A Research and Developmental Workshop for Vocational Teachers in Writing Behavioral Objectives
(53)	$550	Scottland School for Veteran's Children	Relationship Between AVTS Schedule Models and Students Achievement
(54)	$1,000	Pennsylvania State University	Analysis of Physical Non-Verbal Components of Classroom Inter-Action
(55)	$4,883	West Chester College	Workshop in Proposal Writing
(56)	$911	Pottstown School District	G.A.T.B. Testing for Voc Placement into Voc Ed Courses

FY 1972

(1)	$30,000	Gammon College	Project GIVE: Guidance in Voc Ed-Elementary
(2)	$47,773	Bucks County Intermediate Unit	Supervised Independent Study Program
(3)	$30,987	Penn State Univ Dept of Agricultural Ed	Education in Agriculture for Educationally Disadvantaged

PENNSYLVANIA (continued)

(4)	$53,276	Pennsylvania State University	A Longitudinal Study of Vocational Development and Program Evaluation: Implications for Curriculum Planning and Vocational Guidance
(5)	$34,516	Pennsylvania State University	Supply/Demand Model for Vocational Education Planners
(6)	$33,940	Pennsylvania State University	Development of a Validated Instructional System for Hospitality Education
(7)	$47,138	Pennsylvania State University	A Research Investigation Designed to Create a Career Development Education Model for Grades K-12
(8)	$6,000	Lehigh County Community Schools	A Study of Community College Students who are Graduates of Voc-Tech High Sch l Curriculums
(9)	$1,000	Temple University	An Analysis of the Characteristics of Students Enrolled in a Clerical Skills Lab Utilizing Self-Instructional Individualized Learning Packets Compared to Students Enrolled in Classes Utilizing the Conventional Method of Teaching Clerical Skills
(10)	$14,136	Mercer Midwest Intermediate Unit #4	Comparative Followup Study of Former Mentally Retarded Students in Intermediate Unit #4 Area

RHODE ISLAND

State Allotment		Total Funds Obligated	
FY 1971	$75,228	FY 1971	$70,577
FY 1972	$36,583	FY 1972	$34,780

Projects Funded:

FY 1971

Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1) $4,243	Pawtucket School Department	Vocational Guidance
(2) $66,334	State Department of Ed-Voc Division	Management Information System (MIS)

FY 1972

(1) $31,780	State Department of Ed-Voc Division	Management Information System (MIS)
(2) $ 3,000	Warwick	Project All About

SOUTH CAROLINA

State Allotment
FY 1971 $324,466
FY 1972 $161,613

Total Funds Obligated
FY 1971 $200,873
FY 1972 $ 46,638

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$10,692	Winthrop College	The Development of a Voc Curriculum Guide for Distributive Ed, Based on the Concept of Behavioral Objectives
(2)	$22,423	Charleston County School District	The Development of a Voc Curriculum Guide for Graphic Communications, Based on the Concept of Behavioral Objectives
(3)	$15,350	Oconee County School District	The Development of a Voc Curriculum Guide for Electricity, Based on the Concept of Behavioral Objectives
(4)	$19,650	Aiken County School District	The Development of a Voc Curriculum Guide for Mentally Handicapped Students in Building Trades, Based Upon the Concept of Behavioral Objectives
(5)	$14,700	R.D. Anderson Vocational Center	The Development of a Voc Curriculum Guide for Commercial Cooking Based Upon the Concept of Behavioral Objectives
(6)	$16,350	Kershaw County School District	The Development of a Voc Curriculum Guide for Disadvantaged and Handicapped Students Based Upon the Concept of Behavioral Objectives
(7)	$19,400	Orangeburg School District #4	The Development of a Voc Curriculum Guide for Power Mechanics, Based on the Concept of Behavioral Objectives
(8)	$11,075	Rock Hill School District #3	The Development of a Voc Curriculum Guide for Building Construction, Based on the Concept of Behavioral Objectives

SOUTH CAROLINA (continued)

(9)	$17,550	Farifield County School District	The Development of a Voc Curriculum Guide for Welding Based on the Concept of Behavioral Objectives
(10)	$10,850	Kershaw County School District	The Development of a Policy and Procedures Manual for the Operation of Area Voc Centers Based on the Concept of Behavioral and Aministrative Objectives
(11)	$15,990	Lancaster Area Voc Center	The Development of a Voc Curriculum Guide for Heating, Air Conditioning and Refrigeration Based on the Concept of Behavioral Objectives
(12)	$11,075	Rock Hill School District #3	The Development of a Voc Curriculum Guide for Electronics Based on the Concept of Behavioral Objectives
(13)	$1,468	Oconee County Schools	Self-Instrumental Sound Synchronized Slide Presentation
(14)	$14,300	Sumpter County School District #17	Development of Voc Curriculum Guide for Auto Body and Fender Repair Based on the Concept of Behavioral Objectives

FY 1972

(1)	$26,638	Kershaw County School District	Development of a Guide for Operation and Implementation of Adult Programs and A Guide for Operation and Implementation of Student Placement and Followup Programs
(2)	$20,000	Oconee County School District	A Continuation of the Development of a Statewide Curriculum in Graphic Communication Based on Behavioral Objectives and Self-Instructional Programs

SOUTH DAKOTA

State Allotment	
FY 1971	$71,410
FY 1972	$35,597

Total Funds Obligated	
FY 1971	$71,410
FY 1972	$35,594

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$46,850	University of South Dakota	Project II - Series of ten projects: (1) a manpower and voc ed planning study, (2) a handbook of manpower statistics, (3) an information pamphlet for prospective students and their parents, (4) research coordination function for State, (5) examination of youth out-migration data, (6) study of ed needs of the State's disadvantaged populations, (7) followup study of area voc-tech school graduates, (8) study of geographical area divisions for voc schools, (9) study of women and the world of work in the State, and (10) study of means for serving remote area populations.
(2)	$3,000	Sioux Falls Independent School District	Project III - Evaluation of Licensed Practical Nurses as Instructors Assistants
(3)	$19,700	University of South Dakota	Project IV - Series of five projects: (1) study of course offering reimbursement practices, (2) writing of Handbook of Occupational Information, (3) study of women and the world of work in South Dakota, (4) study of area school system and (5) study of means for serving remote area populations
(4)	$1,860	Mitchell Independent School District #45	Feasibility Study for Multi-District Voc Ed Concept for Secondary School Students in South Dakota

SOUTH DAKOTA (continued)

FY 1972

(1)	$35,594	Mitchell Independent School District #45	Feasibility Study for Multi-District Voc Ed Concepc for Secondary School Students in South Dakota

TENNESSEE

State Allotment
FY 1971 $430,155
FY 1972 $213,211

Total Funds Obligated
FY 1971 $ 6,018
FY 1972 $67,373

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$441	Clinch-Powell Ed Cooperative	Survey of Special Ed Needs in Claiborne and Union Counties
(2)	$500	University of Tennessee	Guidelines for Community Surveys in Voc Ed
(3)	$490	Jackson State Community College	A Project to Improve the Vocabulary of Technology Students
(4)	$650	McKenzie Special School District	Individualized Instruction in Distributive Education
(5)	$370	Chattanooga State Technical Institute	Development of a Prediction Model to Determine the Appropriate Level for Entering Students in Mathematics
(6)	$500	Voc-Tech Ed--Program Services Section	Develop an Agriculture Related Communications Curriculum for Disadvantaged Students
(7)	$470	University of Tennessee Agriculture Ed	Making Demonstrations More Effective
(8)	$300	Roane County Board of Education	Post High School Activity of Graduate who Immediately Enter the Labor Market
(9)	$297	University of Tennessee College of Education	The Qualities of an Effective General (Pre-Vocational) Business Ed Teacher
(10)	$500	Claiborne County Schools	A Study of the Voc Needs of the Claiborne County Tennessee School System
(11)	$500	Hancock County Schools	A Study of the Voc Needs of the Hancock County Tennessee School System

TENNESSEE (continued)

(12)	$500	Union County Schools	A Study of the Voc Needs of the Union County Tennessee School System
(13)	$500	University of Tennessee College of Agriculture	A Comparison of Different Patterns for Occupational Experience Programs in Secondary Schools

FY 1972

(1)	$660	Nashville State Technical Institute	A Self-Contained Mathematics Package to Supplement the Mathematics Curriculum in the Teaching of Elementary Trigonometric Functions
(2)	$143	Bradley County School System	A Followup Study of the 1969 and 1970 Business Majors of Bradley Central High School, Cleveland Tennessee
(3)	$500	Greenville City Schools	Project NITRO - New Information to Release Opportunities; A Plan for Disseminating Information Related to All Phases of a New Voc-Tech School
(4)	$466	Morristown City Board of Ed	CAREER ORIENTATION: An Exploratory Approach
(5)	$510	Crockett Mills School Board	Incentive Program for Students in Voc Ed
(6)	$500	Weakley County Board of Ed	A Study to Determine Needs of Greenfield High School
(7)	$500	Smith County Board of Ed	Followup Study of Voc Students at Smith County High School
(8)	$500	Cocke County School System	Planning of a Program and Facility Needs for Cocke County Schools with Special Emphasis on Occupational Education
(9)	$500	Bledsoe County Board of Ed	BUILD TO GROW
(10)	$134	Marion County Board of Ed	A Followup Study to Measure the Effectiveness of an Adult Voc Class for Electricians

TENNESSEE (continued)

(11)	$480	McMinn County Board of Education	Multi-Media Approach to Individualized Instruction in Automatic Transmissions Diagnosis and Overhaul
(12)	$417	Anderson County Board of Ed	Development of a Programmed Unit in Mail Service
(13)	$497	The Oak Ridge Schools	CAREER EDUCATION--Establishment of an Occupational and Volunteer Service Placement Office
(14)	$500	Haywood County Board of Ed	Followup of Vocational Graduates of Haywood County Schools
(15)	$485	Hardeman County School District	A Survey to Determine the Voc Needs of the Community
(16)	$240	Bedford County Board of Education	Followup study of the Graduates of Distributive Education of Central High School, Shelbyville, Tennessee
(17)	$489	Rutherford County Board of Ed	Pre-Employment Laboratory Training in Occupational Child Care
(18)	$162	Hawkins County School Board	Supplementing Instruction with Sound on Slides and Work Sheets
(19)	$500	Central High School	Student Placement and Guidance
(20)	$436	Lake County Board of Education	Followup of Vocational Graduates of Lake County High School and Survey of Job Placement
(21)	$283	Memphis City Board of Education	Drafting Skills and Related Knowledge Needed for Employment in Engineering and Architecture
(22)	$600	Chattanooga Public Schools	Implementation of Accountability Processes to Provide the Most Program Students Enrolled in Vocational Education
(23)	$499	Memphis City Board of Education	Career Information: An Experiment in the South Side Community, Memphis, Tennessee

TENNESSEE (continued)

(24)	$690	Memphis City Schools	The Learning Packet Approach to Teaching Auto Mechanics/ Basic Electricity
(25)	$500	Maury City Board of Education	A Study of the Needs of the Voc Home Economics Program and the Development of a Course in Bachelor Living for the Maury City Public School
(26)	$497	Farragut High School Knox County Schools	A Community Educates Itself on the Training Facilities Available in Tennessee to High School Graduates
(27)	$500	Alamo City School	An Emphasis on Student Voc Ed and a Study of Community Voc Opportunities
(28)	$500	Robertson County Schools	Followup of Green Brier High School Graduates for the Past Four Years and a Survey of Their Places of Employment
(29)	$500	Westview High School	Student Placement and Guidance
(30)	$527	Elizabethton High School	Individualizing Instruction in Plant Science for Voc Agriculture Students
(31)	$501	Rutherford County Schools	Developing Job Sheets and Related Aids for Individualized Instruction in Machine Shop
(32)	$500	Gallatin Senior High School	An Approach to Individualized Study in Voc Agriculture at Gallatin Senior High School
(33)	$500	Robertson County Schools	Developing a Career Curriculum Guide for Voc English at Green Brier High School
(34)	$490	Hiwassee College	Job Placement Services: An Exploratory Program
(35)	$2,310	Nashville State Technical Institute	A Series of Self-Contained Mathematics Packages to Supplement the Mathematics Curriculum in the Following Areas: The Pythagorean Theorem and Its Applications; Sets and Their Properties; Scientific Notation; an Introduction to Vectors and Basic Applications

TENNESSEE (continued)

(36)	$2,590	The University of Tennessee College of Ed	A Conference to Explore the Need for Viable Career Ed and its Concommitant Effect Upon Facilities
(37)	$29,488	Tennessee RCU	INFOE--Information Needed for Occupational Entry--Phase I
(38)	$17,282	The University of Tennessee College of Education	Evaluation Model-Voc-Tech Project

TEXAS

State Allotment

FY 1971	$1,142,217
FY 1972	$ 578,266

Total Funds Obligated

FY 1971	$881,912
FY 1972	$558,178

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$66,237	Dallas County Jr College District	Training Paraprofessionals to Serve the Deaf
(2)	$5,950	Texas Tech University	Planning the Implementation of a Business Ed Learning System (BELS)
(3)	$23,140	Texas School for the Deaf	An Employment Analysis of Deaf Workers in Texas
(4)	$4,161	North Texas State University	A Study of Nondestructive Testing and Inspection Processes Used in Industry with Implications for Program Planning in the Junior Colleges of Texas
(5)	$7,743	Permian Junior College System	Measurement of Institutional Effectiveness in Voc Ed: An Exploratory Study
(6)	$25,416	EPD Consortium D	Search for Common and Unique Teaching Skills and Knowledge in Occupational Ed and Technology at the Post-Secondary Level
(7)	$24,737	Lee College District	Curriculum Development for Electronic Instrumentation
(8)	$67,640	University of Houston	The Mexican-American in Texas: A Study of His Occupational Ed
(9)	$29,713	University of Houston	The Development of Evaluative Criteria for Training of the Handicapped
(10)	$19,783	Bryan Independent School District	A Systems Approach to Placement and Followup: A Computer Model
(11)	$34,083	Brazosport College	A Pilot Project to Develop, Initiate and Evaluate a Post-Secondary Program in Oceanic and Marine Technology

TEXAS (continued)

(12)	$12,679	Galveston College	Analysis of a New Concept and Implementation in Cooperative Health Training
(13)	$5,009	Del Mar College	Refinement and Further Development of the Architectural Technology Curriculum
(14)	$6,500	Texas Tech University	Planning a Training Program for the Mentally Retarded in the Areas of Food Preparation and Service
(15)	$26,052	Dallas County Junior College	The American Indian in Dallas County: An Exploratory Study of His Occupational and Educational Needs
(16)	$20,637	Plainview Independent School District	A Study to Determine the Need for Occupational Ed in Five South Plains Counties
(17)	$23,165	Bryan Independent School District	A Systems Approach to Placement and Follow-up - A Computer Model
(18)	$51,996	EPD Consortium C	A Project for Training School Personnel in the Use of Voc Guidance Techniques
(19)	$32,281	Texas State Technical Institute	High School Career Interest and Information Survey - Phase I
(20)	$17,476	University of Texas	Coping Styles and Achievement
(21)	$23,945	North Texas State University	Manpower-Economic Ed Project to Improve Teachers' and Pupils' Occupational Employment Knowledge and Attitude
(22)	$18,709	Central Texas College	Urban Model: Industrial Careers Vestibule Program
(23)	$31,181	Austin Independent School District	Analysis of Career Ed Needs and Potential in the Austin Standard Metropolitan Statistical Area
(24)	$21,731	Harlandale Independent School District	Job Placement and Follow-up Research for Career Development

TEXAS (continued)

(25)	$5,890	EPD Consortium D	Search for Effectiveness of the Occupational Orientation Programs in the State of Texas
(26)	$6,176	Eastfield College of the Dallas County Community College District	A Study to Identify Trends in Manpower Requirements for Printing Occupations in Newspaper Plants in Texas
(27)	$10,277	El Centro College of the Dallas Community College District	Human Development Instruction for Career Students in the Community College: An Exploratory Study
(28)	$18,946	Lee College and the Texas Department of Corrections	Evaluation of Post-Secondary Voc Training in the Texas Department of Corrections
(29)	$11,737	Paris Junior College	Evaluation of Coordinated Voc Academic Education in Texas
(30)	$15,611	Paris Junior College	A Study of Construction Technology Curriculum and Construction Industry Needs with a Suggested Approach to Curriculum Development in Building Technology Training in Texas Community Colleges
(31)	$3,402	University of Texas at Austin	A Comparative Study of the Occupational Achievements of Voc and Non-Voc High School Graduates in Texas
(32)	$22,433	Education Service Center - Region X	Preliminary Planning for Partners in Career Ed. A Cooperative Career Ed Learning Systems Development and Dissemination Project
(33)	$19,195	Paris Junior College	Short-Term Study in Instructional Methodology for Community College Occupational Faculty: A Pilot Approach
(34)	$11,209	Sam Houston State Univ	Implementation of Career Ed -- A Workshop Drive-in-Conference

TEXAS (continued)

(35)	$8,813	University of Houston Institute for Urban Studies	Regional Development and Coordination of Allied Health Manpower Ed in the Community College
(36)	$2,796	El Centro College of the Dallas Community College District	Planning a Pilot Study Involving A.D. Nursing Students in Family Health Maintenance Processes
(37)	$66,051	Dallas County Community College District	The Development of Behavioral Objectives and Instructional Units In Selected Occupational/ Technical Courses--A Pilot Project
(38)	$1,624	College of Ed Texas A&M University	An Investigation of Voc Counselor Effectiveness and its Relationship to Selected Background and Personal Characteristics
(39)	$8,303	Texas Agricultural Experiment Station of Texas A&M University	A Study of Manpower Training Requirements for the Texas Agricultural Industry
(40)	$10,905	Department of Instructional Services San Antonio ISD	Up Grade Teacher Competencies in the Use of Career Ed Materials
(41)	$10,608	Grayson County College	Coordinated Effort for Career Ed (CECE) Component: Computer Assisted Guidance
(42)	$3,016	College of Technology University of Houston	Internship Instructor Training Program for Occupational and Technical Subjects
(43)	$4,172	College of Technology University of Houston	Teacher Training Program for Distributive Education
(44)	$4,225	Texas School for the Deaf	Development of a Career Ed Curriculum for Deaf Students at the Texas School for the Deaf
(45)	$23,331	Grayson County College	Coordinated Effort for Career Ed: An Analysis of 15 Occupational Clusters Identified by U.S.O.E.

TEXAS (continued)

(46)	$17,633	Grayson County College	Coordinated Effort for Career Ed: Planning and Implementation
(47)	$18,760	South Plains College	Proposed Curriculum and Training Procedure Revisions in Vocational Nurse Education

FY 1972

(1)	$45,334	Dallas County Jr College District	Training Paraprofessionals to Serve the Deaf
(2)	$47,356	University of Houston	The Mexican-American in Texas: A Study of His Occupational Ed
(3)	$8,308	University of Houston	The Development of Evaluative Criteria for Training of the Handicapped
(4)	$26,508	Dallas County Junior College	The American Indian in Dallas County: An Exploratory Study of His Occupational and Educational Needs
(5)	$8,249	Plainview Independent School District	A Study to Determine The Need for Occupational Ed in Five South Plains Counties
(6)	$20,849	Bryan Independent School District	A Systems Approach to Placement and Followup - A Computer Model
(7)	$8,466	University of Texas	Coping Styles and Achievement
(8)	$31,037	North Texas State University	Manpower-Economic Ed Project to Improve Teachers' and Pupils' Occupational Employment Knowledge and Attitude
(9)	$29,404	EPD Consortium D	Search for Effectiveness of the Occupational Orientation Programs in the State of Texas
(10)	$4,828	El Centro College of the Dallas County Community College District	Human Development Instruction for Career Students in the Community College: An Exploratory Study

TEXAS (continued)

(11)	$27,811	Lee College and the Texas Department of Corrections	Evaluation of Post-Secondary Vocational Training in the Texas Department of Corrections
(12)	$36,140	Paris Junior College	Evaluation of Coordinated Voc
(13)	$47,070	Paris Junior College	A Study of Construction Technology Curriculum and Construction Industry Needs with a Suggested Approach to Curriculum Development in Building Technology Training in Texas Community Colleges
(14)	$7,109	University of Texas at Austin	A Comparative Study of the Occupational Achievements of Voc and Non-Voc High School Graduates in Texas
(15)	$14,195	Dallas County Community College District	The Development of Behavioral Objectives and Instructional Units in Selected Occupational/ Technical Courses--A Pilot Project
(16)	$11,549	College of Education, Texas A&M University	An Investigation of Vocational Counselor Effectiveness and Its Relationship to Selected Background and Personal Characteristics
(17)	$71,510	Texas Agricultural Experiment Station of Texas A&M University	A Study of Manpower Training Requirements for the Texas Agricultural Industry
(18)	$72,858	College of Technology Univ of Houston	Internship Instructor Training Program for Occupational and Technical Subjects
(19)	$7,457	College of Technology Univ of Houston	Teacher Training Program for Distributive Education
(20)	$24,522	Texas School for the Deaf	Development of a Career Ed Curriculum for Deaf Students at the Texas School for the Deaf
(21)	$7,615	South Plains College	Proposed Curriculum and Training Procedure Revisions in Vocational Nurse Education

UTAH

State Allotment		Total Funds Obligated	
FY 1971	$111,996	FY 1971	$27,306
FY 1972	$ 57,627	FY 1972	$19,896

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$ 30	Research for Specialists	Development of an Anesthesia Technician Training Curriculum
(2)	$319	In-House	Post High School Orientation Program Evaluation
(3)	$559	State Office	A Project to Develop an Instructional Packet for Advisory Committees in Voc Ed to be used in the Orientation of School Personnel and Committee Members
(4)	$500	Research for Specialists	Evaluation of the Teacher Training Program for Voc and Consumer Homemaking Ed in Utah
(5)	$500	Research for Specialists	Study of Factors Influencing Post Secondary Decisions of Utah Secondary Students
(6)	$ 67	Research for Specialists	Study of Employability of High School Bookkeeping Graduates
(7)	$27,306	Utah Tech College Provo	Research Director

FY 1972

(1)	$3,874	Logan Senior High School	Feasibility Study of Parent-Child Career Ed Program
(2)	$15,584	Logan Senior High School	A Parent-Child School Career Ed Program for the 10th Grade Students at Logan Senior High School
(3)	$313	Allan Oleole-Utah State Univ	Development of Programs Survey Instrument
(4)	$125	Frank Nelson-Utah State Univ	M.O.E. Simulation Evaluation

VERMONT

State Allotment		Total Funds Obligated	
FY 1971	$41,759	FY 1971	$35,244
FY 1972	$20,781	FY 1972	$13,050

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$14,775	University of Vermont	The Development of Materials for Recruiting and Screening Prospective Students into Selected Pre-Service Vocational Teacher Education Programs
(2)	$13,950	University of Vermont	Career Development Patterns of Vocational Pupils Graduating or Leaving School 1967, 1968, 1969, 1970
(3)	$2,333	University of Vermont and State Agricultural College	A Study of Selected Factors Related to the Employment Status of Disadvantaged Rural Adults
(4)	$1,083	Washington South Supervisory Union	Career Education
(5)	$3,103	University of Vermont	A Model for Collecting and Analyzing Followup Data on Graduates and Dropouts of Voc Ed in Vermont

FY 1972

(1)	$4,050	University of Vermont	Career Development Patterns of Vocational Pupils Graduating or Leaving School 1967, 1968, 1969 1970
(2)	$9,000	South Burlington School District Consumer and Homemaking Dept	The Development and Testing of Health Ed Learning Activity Package for Teachers and Students of Consumer and Homemaking Ed Grades 5-12

VIRGINIA

State Allotment
FY 1971 $482,473
FY 1972 $241,777

Total Funds Obligated
FY 1971 $479,374
FY 1972 $ 38,807

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$14,365	Virginia Polytechnic Institute and State Univ	Testing of a Model for Evaluation of Secondary School Programs for Voc Ed in Agriculture Phase II
(2)	$22,770	Virginia Polytechnic Institute and State Univ	Information Diffusion and Research Utilization in Voc Ed
(3)	$115,910	Virginia Polytechnic Institute and State Univ	An Evaluation System for Voc Ed in Virginia
(4)	$168,155	Virginia Commonwealth University	Development of an Instructional Resources Center for Distributive Ed in Virginia
(5)	$80,972	Loudoun County	Development of a Computerized System to Serve the Voc Ed Program for Loudoun
(6)	$35,089	Virginia Department of Community Colleges	A Followup Study of Former Occupational-Technical Students at Virginia Community Colleges
(7)	$4,174	Virginia Community College	Insultation Against Future Job Market Shock
(8)	$26,505	Virginia Department of Community Colleges	Research and Develop a Master Plan for the Identification and Accomodation of Disadvantaged and Handicapped Students Within the VCCS Voc Ed Programs
(9)	$14,434	Virginia Department of Community Colleges	Learning Resources for the Disadvantaged Student

VIRGINIA (continued)

FY 1972

(1)	$4,860	Virginia Polytechnic Institute and State University	Development and Evaluation of a Program Designed to Teach Consumer Ed to High School Home Economics Teachers, Using Closed-Circuit Television as the Transmission Medium
(2)	$4,791	Virginia Commonwealth University	Research on Problems Concerning the Establishment of a Learning Resources Center for Distributive Ed in Virginia
(3)	$11,738	Loudoun County School Board	Development of a Computerized System to Serve the Voc Ed Program of Loudoun County
(4)	$4,473	Virginia Polytechnic Institute and State University	An Evaluation System for Voc Ed in Virginia
(5)	$12,945	Virginia Department of Community Colleges	Learning Resources for the Disadvantaged Student

WASHINGTON

State Allotment	
FY 1971	$277,849
FY 1972	$145,680

Total Funds Obligated	
FY 1971	$277,093
FY 1972	$ 81,108

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$2,029	Olympia School District	Occupational Awareness Programs: A Survey
(2)	$3,000	Olympia School District	Industrial Arts Curriculum Comparisons
(3)	$1,000	Renton Voc-Tech Institute	Vocational Choice Assessment
(4)	$900	Aberdeen School District #5	Simulated Office Practice Program and Materials Development
(5)	$3,000	Rearden School District #260	Vocational Evnironmental Horticulture Development Program
(6)	$1,970	Lake Stevens District #4	Lake Stevens VIEW Project
(7)	$2,785	Pasco School District #1	Operation Motivation: A Voc-Tech Ed Bridge to the 70's
(8)	$3,000	Western Washington State College	Compare Effectiveness of Two Different Patterns of Supervision of Student Teachers
(9)	$3,400	Selkirk High School	Feasibility Study to Determine Need for Wildlife Conservation and Outdoor Recreation Programs
(10)	$1,950	Tacoma Community College	Career Development/High School Completion Program for Adults
(11)	$1,250	Seattle Community College	Curriculum Development of Communication Skills Courses
(12)	$2,600	Intermediate School District #110	Cooperative Research on Voc Ed and Professional Updating in Career Ed and Management Effectiveness

WASHINGTON (continued)

(13)	$1,000	Franklin Pierce District #402	Survival Training for Young Adults
(14)	$3,000	Intermediate School District #110	Continuation of the NEVAC Study
(15)	$496	Mercer Island Schools	Student-Produced Vocational Film Production
(16)	$2,000	Green River Community College	Vocational Orientation of High School Students to College Voc Programs
(17)	$3,500	Kent Public Schools	Project GIVE
(18)	$2,000	Perry Institute	Vocational Leadership Development through National Interaction
(19)	$1,698	Rosalia School District	A Local District Planning Grant
(20)	$981	Palouse School District #301	A Local District Planning Grant
(21)	$1,500	Woodland School District #404	A Cooperative Inter-District Vocational Study
(22)	$2,000	Yakima School District #7	Centralized Book Depository
(23)	$2,000	Eastmont School District #206	A Local District Planning Grant
(24)	$1,500	Olympia Voc-Tech Institute	The Pygmalion Project
(25)	$2,000	Grand Coulee Dam District #301 J	Work Incentives for Youth
(26)	$1,200	Big Bend Community College	Program Development for Service and Repair of Recreational Equipment and Appliances
(27)	$1,000	Intermediate School District #112	Feasibility of School-Industry Cooperation
(28)	$3,947	J. M. Perry Institute	Early Transfer of Secondary Academic Students to Post-Secondary Vocational Programs

WASHINGTON (continued)

(29)	$13,000	Arlington School District #16	Interdistrict Voc Guidance Program for Disadvantaged Children (1-8)
(30)	$25,000	Lake Washington School District #414	A Planning Study for a Voc Ed Complex for Lake Washington School District
(31)	$2,800	Intermediate School District #110	NEVAC
(32)	$12,000	Puget Sound Minority Affairs Consortium	Consortium Voc Ed Programs Film
(33)	$8,000	Lower Columbia College	Pilot Project for Auto-Diesel Apprentice Programmed Tutorial System
(34)	$5,351	University of Washington	An Application of Observational Learning Procedures to the Modification of Ed Plans and Voc Aspirations of Potential High School Dropouts
(35)	$15,000	Columbia Basin Community College	Occupational Ed Mobile Information Center
(36)	$25,000	Highline Public Schools	Voc Guidance in the Elementary School
(37)	$11,000	Centralia College	Community College Program Evaluation Through Student Follow-up
(38)	$4,636	Olympia College	A Study to Determine the Educational and Training Needs of Residents at the Washington Corrections Center
(39)	$12,000	Belleview Community College	Mini-Units Common to Various Occupational Business Programs
(40)	$8,200	Eastern Washington State College	In-Service Workshop for Teachers of Youth with Special Needs
(41)	$2,000	Shoreline Community College	Audio Tutorial Minicourses of Anatomy and Physiology for Students in Health Occupations
(42)	$3,000	Superintendent of Public Instruction	Information Retrieval System
(43)	$50,000	Coordinating Council for Occupational Ed	Management Training Program

FY 1972

(1)	$946	Camus School District #117	Feasibility of Student Operated Business to Increase Number of on-the-job Training Stations in Camus, Washington--Pilot Program
(2)	$2,400	Intermediate School District #106 in Cashmere	Workshop on Career Awareness for Elementary Teachers in S.D.I. 106
(3)	$1,000	Clover Park Ed Center	Cooperative work Program for Handicapped Library Tech Aids
(4)	$855	DeKater High School/Federal Way Public School	Individualized Instruction for Specific Business and Office D.O.T.
(5)	$1,000	Fort Steilacoom Community College	BETTER (Business Ed for Teachers Through Efficient Use of Resources)
(6)	$900	Fort Steilacoom Community College	Utilizing Community Resources Cooperative Lay Counseling Program
(7)	$2,336	Intermediate School District #114 - Porttownson	Elementary Occupational Awareness: A VIEW Deck Study
(8)	$500	Kennewick School #17	Community Conference for Occupational Ed
(9)	$1,075	Lake Washington School District #414	Inter-disciplinary Health-Medical Services Voc Training
(10)	$1,000	Mount Vernon School District #320	Coordinated Occupational Ed--Grades 7 and 8
(11)	$2,044	Peninsula School District #401	World of Work--Greenhouse Operations
(12)	$1,674	Puget Sound Ed Research Counselor	Workshop in Research and Career Education
(13)	$500	Intermediate School District #110--Seattle	Writing a Proposal for Developing Districtwide Self-Evaluation Instruments
(14)	$1,300	Puyallup School District #3	Development of Child Care Attendant Occupational Class

WASHINGTON (continued)

(15)	$1,000	Renton Voc-Tech School	A Comparative Evaluation of Two Approaches for Disseminating Occupational Information Contained in V.I.E.W.
(16)	$960	Shoreline Community College	Guidelines for Distributive Ed in the New Concepts of Career Ed
(17)	$966	Spokane Community College	A Survey of the Training Needs of Pesticide Applicators in Eastern Washington
(18)	$993	Washington State University	Preparation of Elementary Teachers for Career Ed
(19)	$1,000	Wentachee Valley College	Summer Cooperative Ed Project
(20)	$1,000	Yakima Public School #7	NYC/Careers Program
(21)	$18,000	Shoreline Community College	Develop 3, 5, and 10 Year Plan for Voc-Tech Ed Research in the State of Washington
(22)	$22,000	Renton School District #403	Development and Demonstration of a Followup Model Procedure
(23)	$16,659	State Board for Community College Education	Stochastic Estimation Model for Voc Ed Training Needs

WEST VIRGINIA

State Allotment
FY 1971 $206,038
FY 1972 $100,304

Total Funds Obligated
FY 1971 $115,401
FY 1972 $ 37,499

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$18,000	Brooke County Board of Ed	Research in Developing a Program in Basic Voc Studies
(2)	$36,278	North Carolina State University	The Identification of Competencies of Local Directors of Voc Ed
(3)	$1,250	Mercer County Board of Education	A Demonstration of Reality Training through Simulation in Clerical Office Practice
(4)	$2,750	County School Boards	8 Mini-Grants of $500 or less
(5)	$17,169	Kanawha County Board of Ed	Operation Guidance II
(6)	$2,673	Summers County Board of Education	Identification of Ed and Training Needs of Unemployed Young Adults in Summers County
(7)	$4,275	Wood County Schools	Analysis of Wood County, West Virginia Voc Ed Programs
(8)	$6,242	West Virginia University	Child Development Curriculum
(9)	$23,364	Raleigh County Board of Ed	Career Ed Research-Demonstration Project
(10)	$3,400	Ohio County Schools	Feasibility Study for Voc Tech Needs in Ohio County

WEST VIRGINIA (continued)

FY 1972

(1)	$13,553	Kanawha County Board of Ed	Operation Guidance II
(2)	$5,892	West Virginia University	Child Development Curriculum
(3)	$4,500	Raleigh County Board of Ed	Career Ed Research-Demonstration Project
(4)	$13,554	Boone County Board of Education	A Comprehensive Plan for the Development of Voc Ed in Boone County, West Virginia

WISCONSIN*

State Allotment		Total Funds Obligated	
FY 1971	$367,836	FY 1971	$226,983
FY 1972	$186,774	FY 1972	$289,047

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$160	Area Voc-Tech and Adult Ed District 17	Mini-Grants: Survey of Welding Applications; Self-Contained Engine Demo Unit; Transparencies for Use in Teaching Typing; Data Processing Survey; Visual Aids; Demonstration Equipment Development; Market Trends
(2)	$869	Area Voc-Tech and Adult Ed District 17	OVIS Survey in Student Recruitment
(3)	$1,292	Western Wisconsin Tech Institute	Student and Staff Evaluation of Quarter System
(4)	$372	Blackhawk Voc-Tech School	Health Occupations Research Study
(5)	$21,357	Voc-Tech and Adult Ed District 12	Differentiated Staffing - Phase I
(6)	$10,569	Developmental Behavior Associates	Effectiveness of Current Training Programs for the Vocationally Handicapped in Wisconsin
(7)	$360	Southwest Wisconsin Voc-Tech School	Determination of Justification to Offer Preparatory Math for Trade and Industry Voc Students
(8)	$301	Western Wisconsin Tech Institute	Development of a Computer Based Simulated Accounting System
(9)	$565	District One Tech Institute	Evaluative Study of Students in Developmental Math Course
(10)	$1,495	Voc-Tech and Adult Ed District #10	Evaluation of Electronics Curriculum in Terms of Employer's Rating of Job Performance of Former Students

WISCONSIN (continued)

(11)	$3,822	North Central Tech Institute	Analysis of the Changes, Developments and Trends in the Mechanical Design Field
(12)	$341	Division of Voc Rehabilitation	Study of Vocational Assessment
(13)	$446	North Central Tech Institute	A Proposed Research Design Model for Predicting Early Student Withdrawal from District 15
(14)	$3,209	Stout State University	Industrial Safety Ed for Small Industries in Wisconsin
(15)	$9,300	Milwaukee Area Technical College	Population and Manpower Study for Districts 6, 7, 8 and 9
(16)	$2,358	State State University	Methods and Techniques of Curricula and Instruction Which are Most Effective in Training and Placement of Persons with Special Needs
(17)	$1,852	University of Wisconsin	Assessment of Individualized Instruction Material Currently Used
(18)	$636	Stout State University	Followup Study of Graduates and Employers from Selected Wisconsin Vocational Schools and Stout State University to Determine Satisfaction with the Occupational Preparation in Clothing Services
(19)	$1,087	Milwaukee Area Tech College	Voc and Tech Ed Programs Sponsored by the Private Sector in VTAE District 9
(20)	$2,350	North Central Tech Institute	Evaluation of Secondary School Mathematics Curriculums in District 15 As They Relate to the Math Background Requirements of Postsecondary Voc Tech Ed Students
(21)	$119	Blackhawk Voc-Tech School	Mini-Grants to Teachers for Reserach and Development of Mirco-Teaching Units
(22)	$486	North Central Tech Institute	Home Economist Assistant Survey

WISCONSIN (continued)

(23)	$494	North Central Tech Institute	Analysis of Skills Needed by Graduates of Associate Degree Insurance Major
(24)	$1,324	Milwaukee Area Tech College	Computer Augmented Accounting
(25)	$1,175	Milwaukee Area Tech College	Survey of Marketing Students
(26)	$600	River Falls Univ	Agriculture Study
(27)	$3,350	Stout University	Trade and Industrial Clinic for Professors
(28)	$8,325	Milwaukee Public Schools	Comprehensive Career Development
(29)	$5,032	Stout University	Trade and Industrial Survey
(30)	$860	Dept of Public Instruction	Agriculture Program Development
(31)	$5,670	Dept of Public Instruction	Agriculture Curriculum Workshop
(32)	$72,000	Milwaukee Public Schools	Career Development Center
(33)	$28,080	Dept of Public Instruction	Information and Evaluation System
(34)	$6,102	Univ of Wisconsin Madison	Agriculture Pilot Evaluation System
(35)	$990	Stout University	Teacher Educator Workshop
(36)	$703	Dept of Public Instruction	Agriculture Evaluation
(37)	$2,500	Dept of Public Instruction	Distributive Ed Consortium
(38)	$730	Dept of Public Instruction	Educational Telephone Network Inservice
(39)	$2,999	Dept of Public Instruction	Career Eduation
(40)	$7,035	Milwaukee Public Schools	Computerized Career Development

WISCONSIN (continued)

(41)	$2,145	CESA 4	Mobile Fluid Power Lab
(42)	$13,523	University of Wisconsin	Distributive Education Resource Center

FY 1972

(1)	$1,660	District One Tech Institute	WVTAE Student Organization Survey
(2)	$3,979	District One Tech Institute	Research of Affect of Visual Materials in Manufacturing Process on Learning
(3)	$2,377	Southwest Wisconsin Voc-Tech School	Post High School Career Preference Study of District 3 Eleventh Grade Students
(4)	$1,170	Milwaukee Area Tech College	A Study of the Transfer of Students to Wisconsin Voc-Tech Schools from Four-Year Colleges
(5)	$1,561	Milwaukee Area Tech College	Voc-Tech Ed and Training Programs Sponsored by Business, Industry, Labor, and Government in Wisconsin
(6)	$4,219	Voc-Tech and Adult Ed District 12	Job Analysis for Voc-Tech Occupations
(7)	$1,907	North Central Tech Institute	Analysis of Skills Needed by Graduates of Associate Degree Insurance Major
(8)	$1,112	University Of Wisconsin	Assessment of Individualized Instruction Material Currently Used
(9)	$16,505	University of Wisconsin	An Evaluation, through Field Testing, of Individualized Instructional Materials in Wisconsin Post-Secondary Institutes
(10)	$675	Stout State University	Graduate Student Research Grants Submitted to the State Board of Voc-Tech And Adult Education
(11)	$8,566	Stout State University	Development of a Convergence Plan for Voc Ed in Wisconsin

WISCONSIN (continued)

(12)	$706	Developmental Behavioral Associates, Inc.	Further Analysis of Data Collected in Project Effectiveness of Current Training Programs for the Vocationally Handicapped in Wisconsin
(13)	$17,215	Developmental Behavioral Associates, Inc.	Identifying the Continuing Ed Needs of Selected Group of Vocationally Handicapped Adults in Wisconsin Who Could Benefit from Additional Training in the Voc Tech and Adult Ed System
(14)	$12,967	University of Wisconsin	Assessment of Felt Needs for Preparation in Living Skills of Graduates of Diploma and Associate Degree Programs in the Wisconsin VTAE System
(15)	$1,476	VTAE District Six	Validity Study of Pre-Counseling Test Battery
(16)	$380	Voc-Tech School Western Wisconsin Technical Institute	An Examination to Determine the English Competencies Required of Secretaries in the Administrative, Legal and Medical Areas with a Synthesis into a Core of Common Competencies to be used in Forming a Basis for an English Curriculum
(17)	$5,427	Norman B. Mitby	Evaluation of Auto Mechanic and Technical Curriculum in Terms of Employer's Rating of Job Performance of Former Students
(18)	$9,007	Milwaukee Area Tech College	Survey and Analysis of Barbering in Wisconsin
(19)	$3,013	Mr. Robert F. Sorensen, Ph.D Univ of Wisconsin	Development of a Design for the Effective Use of Occupational Advisory Committees in the Wisconsin Voc-Tech & Adult Education System
(20)	$588	Research Development Operation Fox Valley Tech Institute	Task Analysis and Competencies Requirements of Voc-Tech-Adult Ed Coordinators in Wisconsin Since District Reorganization of July 1, 1970

WISCONSIN (continued)

(21)	$204	Charles Kargel University of Wisconsin	The Kargel Book Shelving Sample
(22)	$2,277	Robert Johnson University of Wisconsin	Prefessional Development Study of the Electronics and Electricity Educators in the State of Wisconsin
(23)	$1,663	University of Wisconsin	Career Ed Provided by Business and Industry in the Milwaukee Area
(24)	$8,415	University of Wisconsin	1972 Pre-Session Research Seminars
(25)	$604	Blackhawk Voc-Tech Study	Agricultural and Home Economics Occupational Research Study
(26)	$55,985	Fox Valley Tech Institute	Differentiated Staffing - Phase II
(27)	$5,843	Wisconsin State Univ-Whitewater	Curriculum Evaluation of Secretarial Science Program
(28)	$1,363	Madison Area Tech College	Development of a Model for an Internship Seminar in Associate Degree Fashion Merchandising
(29)	$1,729	University of Wisconsin (Graduate Students)	A Study of the Characteristics of First-Year Male Voc Students and Tech Students at Western Wisconsin Tech Institute
(30)	$1,483	University of Wisconsin, Stout	A Study of Audio-Visual Needs as they Relate to Presenting an Effective Public Informational Program about VTAE Career Oppor- tunities in District One
(31)	$2,601	University of Wisconsin, Stout	To Determine the Use of Media Resources in Voc Tech District
(32)	$1,311	Wisconsin Indianhead, Ince. Districts #17 & 18 and Stout State University	Northwestern Wisconsin Recreation Survey for Voc Program Develop- ment
(33)	$30,763	Fox Valley VTAE District Appleton and Univ of Wisconsin Stout	Investigating the Interaction of Learning Styles and Types of Learning Experience in Voc Tech Education

WISCONSIN (continued)

(34)	$1,571	Area Voc-Tech School and Adult Ed District #17	OVIS Survey in Student Recruitment
(35)	$3,260	Voc-Tech School and Adult Ed District #10	Evaluation of Electronics Curriculum in Terms of Employer's Rating of Job Performance of Former Students
(36)	$2,024	North Central Tech Institute	Analysis of Changes, Developments, and Trends in the Mechanical Design Field
(37)	$753	Division of Voc Rehabilitation	Study of Voc Assessment
(38)	$866	North Central Tech Institute	A Proposed Research Design Model for Predicting Early Student Withdrawal from District 15
(39)	$6,343	Stout State University	Industrial Safety Ed for Small Industries in Wisconsin
(40)	$14,942	Milwaukee Area Tech College	Population and Manpower Study for Districts 6, 7, 8, and 9
(41)	$2,783	Milwaukee Area Tech College	Voc and Tech Ed Program Sponsored by the Private Sector in VTAE District 9
(42)	$461	Blackhawk Voc-Tech School	Mini-Grants to Teachers for Research and Development of Micro-Teaching Units
(43)	$1,078	North Central Tech Institute	Home Economist Assistant Survey
(44)	$4,637	Milwaukee Area Tech College	Survey of Marketing Students
(45)	$18,000	West Allis	Health Occupations
(46)	$5,900	Dept of Public Instruction	Agriculture Curriculum
(47)	$13,381	Dept of Public Instruction and the Univ of Wisconsin	Distributive Education Resourse Center
(48)	$1,600	CESA 11	Comprehensive Follow-up

WISCONSIN (continued)

(49)	$2,700	CESA 5	Equal Career Opportunities

* Wisconsin's projects are reported according to the fiscal year of obligation of funds rather than by the year of their allotment.

WYOMING

State Allotment		Total Funds Obligated	
FY 1971	$31,650	FY 1971	$ 9,478
FY 1972	$16,440	FY 1972	$11,225

Projects Funded:

FY 1971

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	$3,250	Western Wyoming College	Summer Research for the Development of a Curriculum in Basic Communications Skills for the Educationally Disadvantaged or Special Interest Voc Student
(2)	$1,500	Northwest Community College	Model to Evaluate the Suitability and Effectiveness of the A.C.T. Career Planning Profile for the Improvement of Voc Guidance in Wyoming Community Colleges
(3)	$2,500	Dubois High School, School District #2, Fremont County	A Research Proposal to Survey Occupational Buildings and Shop Facilities
(4)	$2,228	Laramie Public Schools	Laramie High School Office Occupations Survey

FY 1972

(1)	$5,000	Department of Voc Ed College of Ed Univ of Wyoming	The Development of a Wage Earning Program for Wyoming Home Economics Teachers
(2)	$6,225	Wyoming State Department of Education Occupational Division	Employment Opportunities and Educational Needs in Off-Farm Agricultural Occupations in Wyoming

APPENDIX A

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Office of Education

Bureau of Occupational and Adult Education

Center for Adult, Vocational, Technical, and Manpower Education

Washington, D. C. 20202

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Directory of
State Vocational Research Officers

* *

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